

```

graph TD
    110[PREPROCESSING MODULE] -- 115 APPLICATION PACKAGE --> 120[SERVER]
    120 --> 130((NETWORK))
    130 --> 140[CLIENT]
    130 --> 150[CLIENT]
    130 --> 160[CLIENT]
    
```

FIG. 1

00521" 50E/2/50

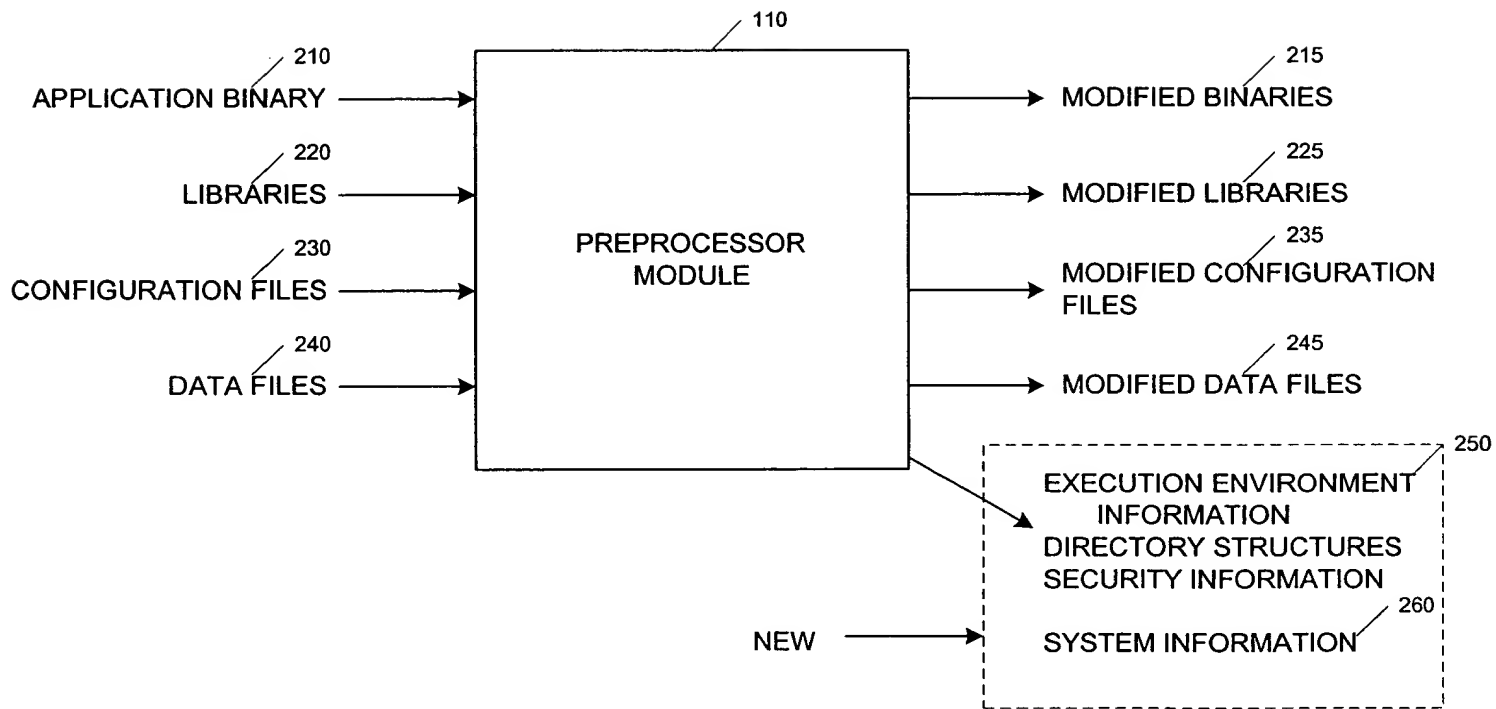


FIG. 2

NORMAL EXECUTION

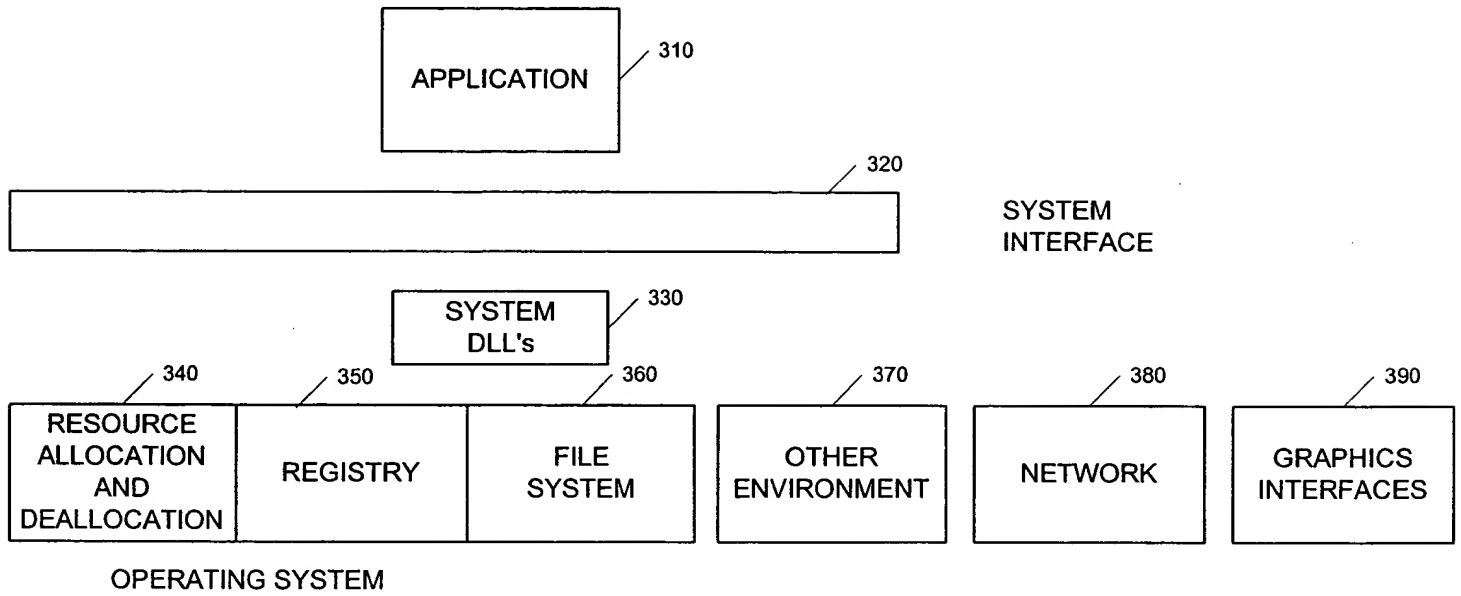


FIG. 3

00627305.112900

# SECURE EXECUTION

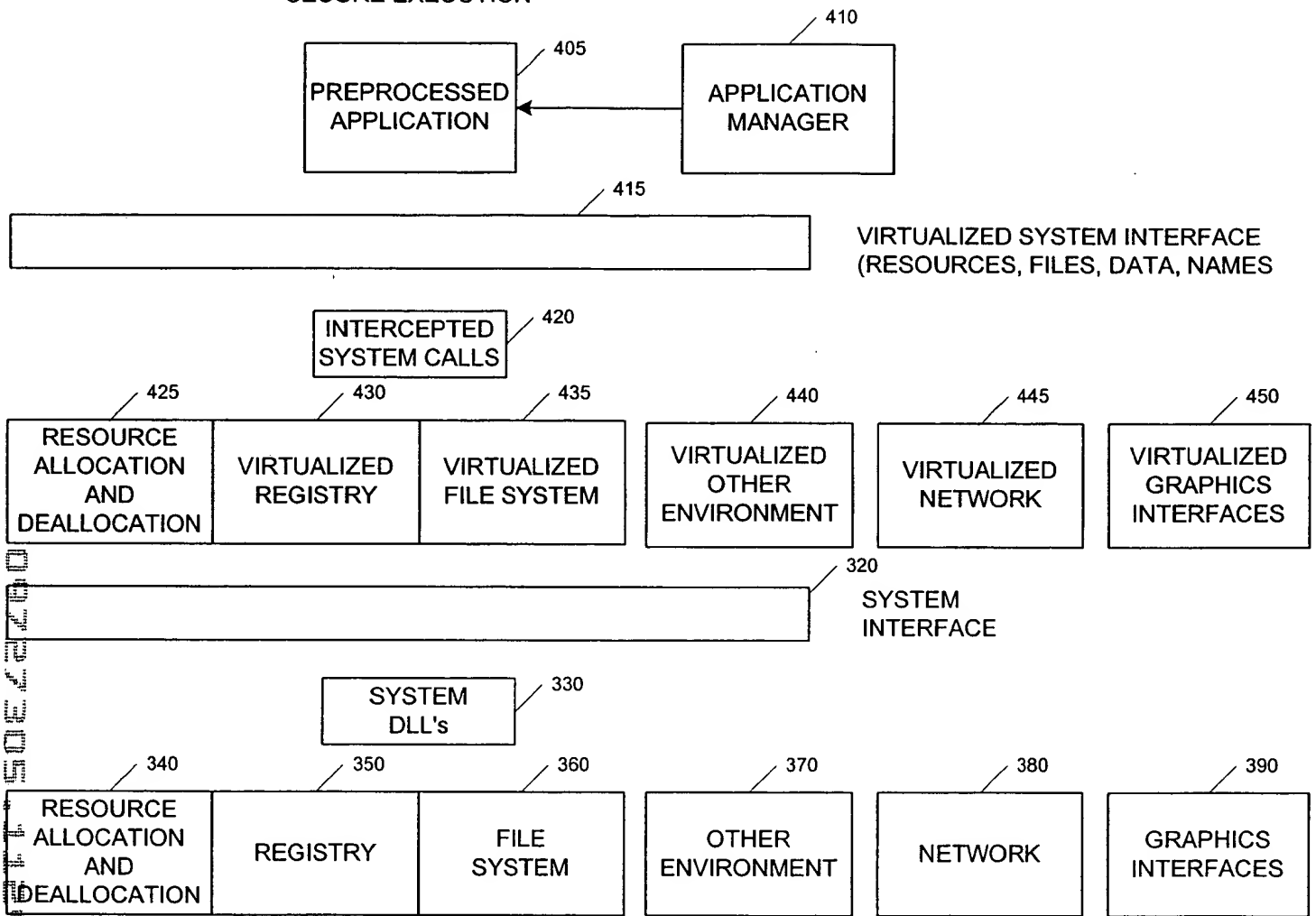


FIG. 4

000005-122250

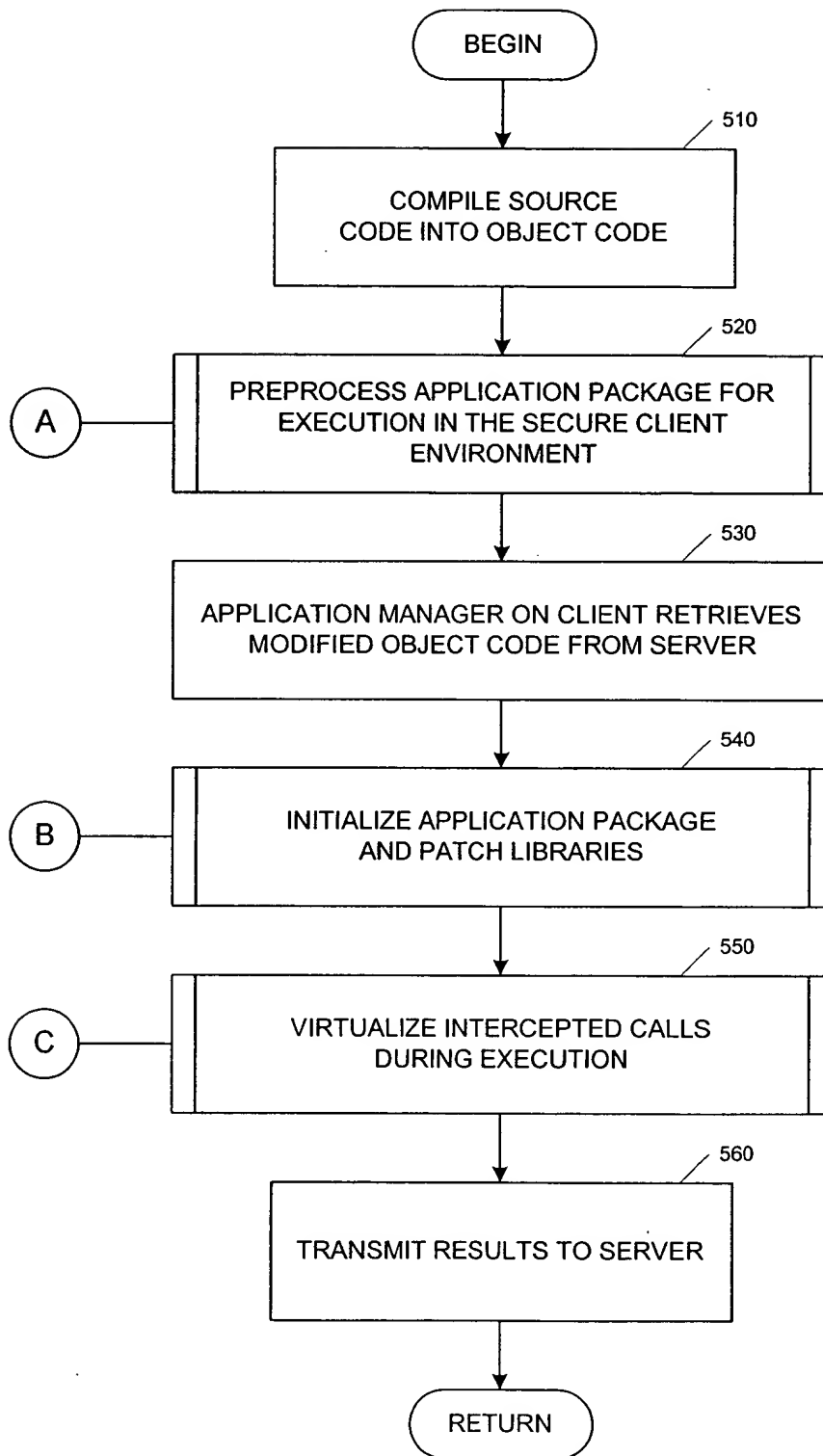


FIG. 5

A

520

00621-50E/2/60

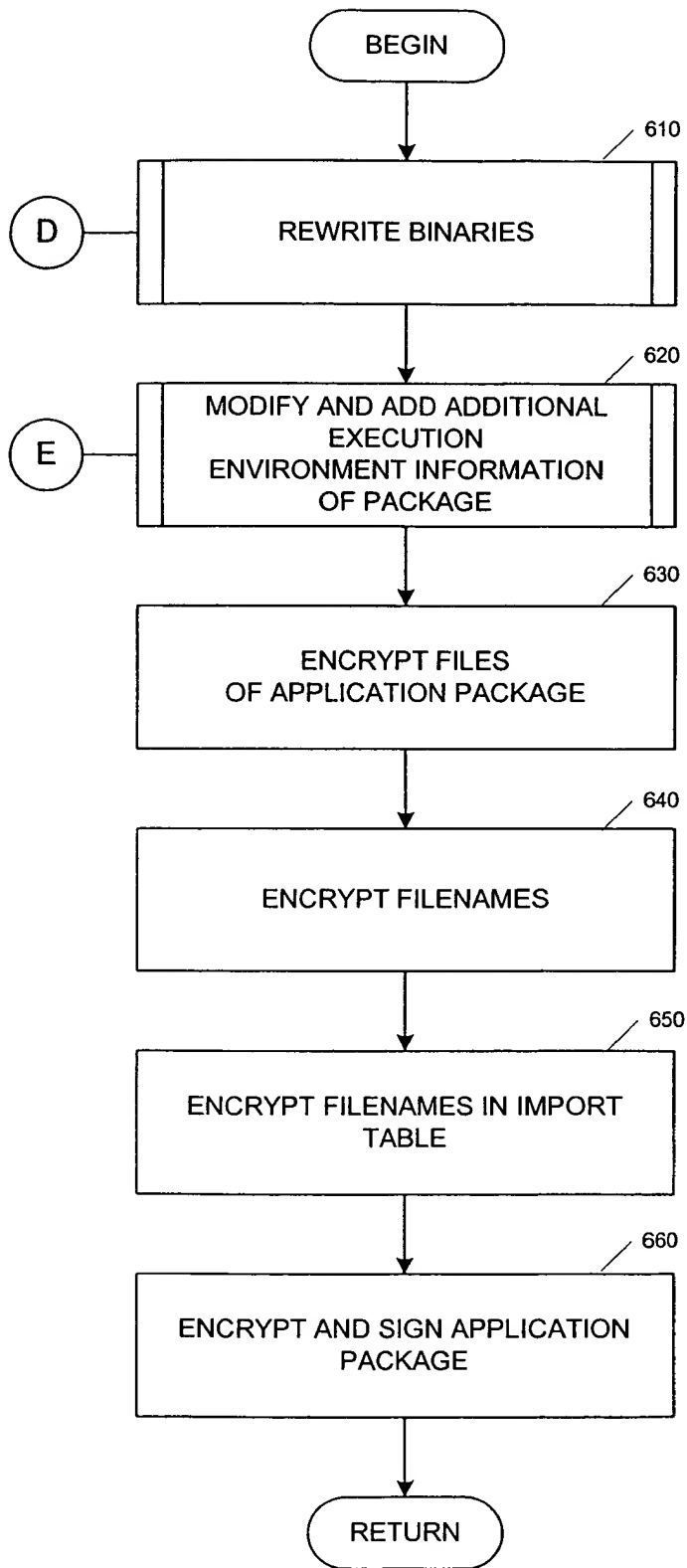
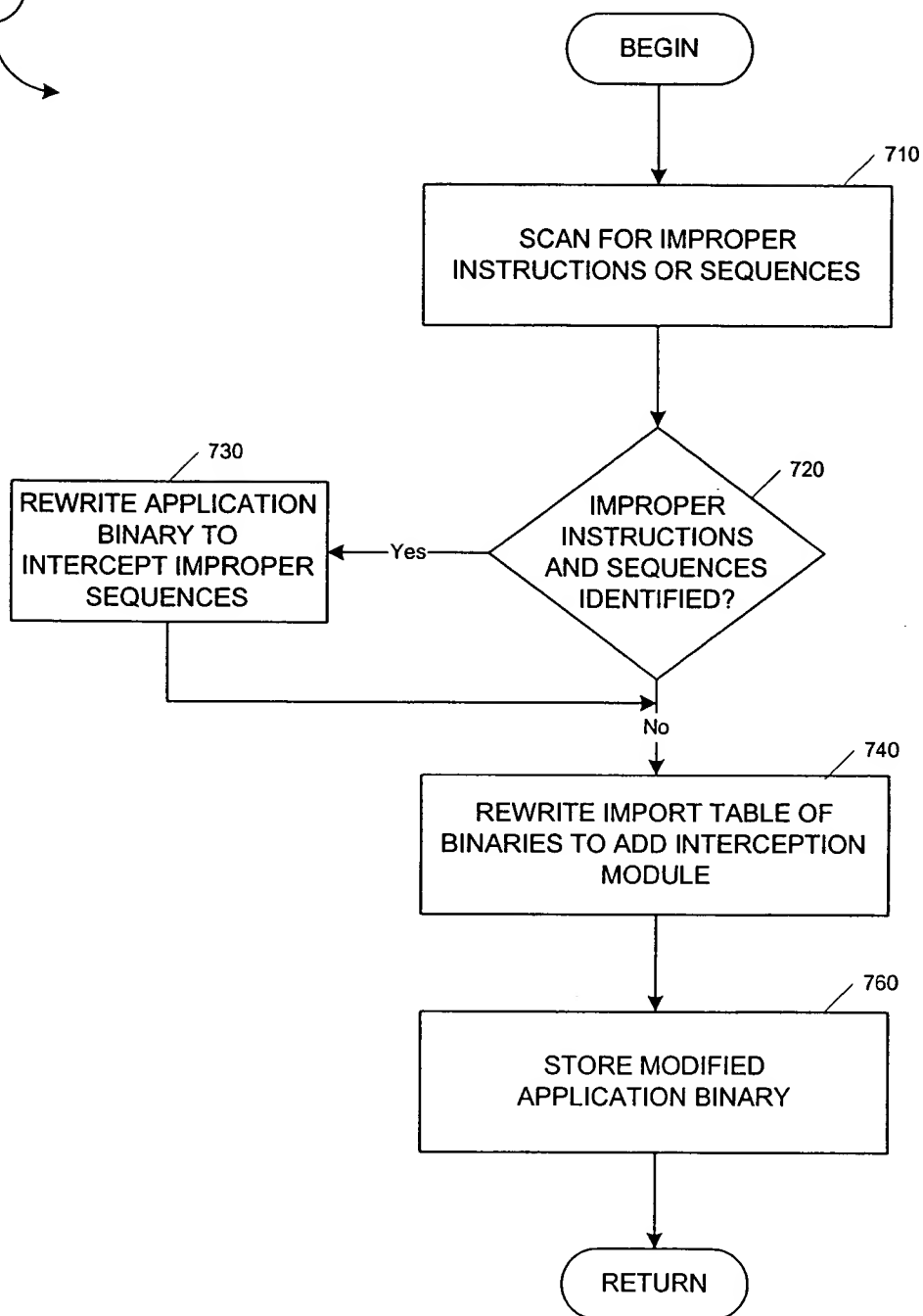


FIG. 6

D 610



09727305 "112900

FIG. 7

00627T" 50E/2260

E 620

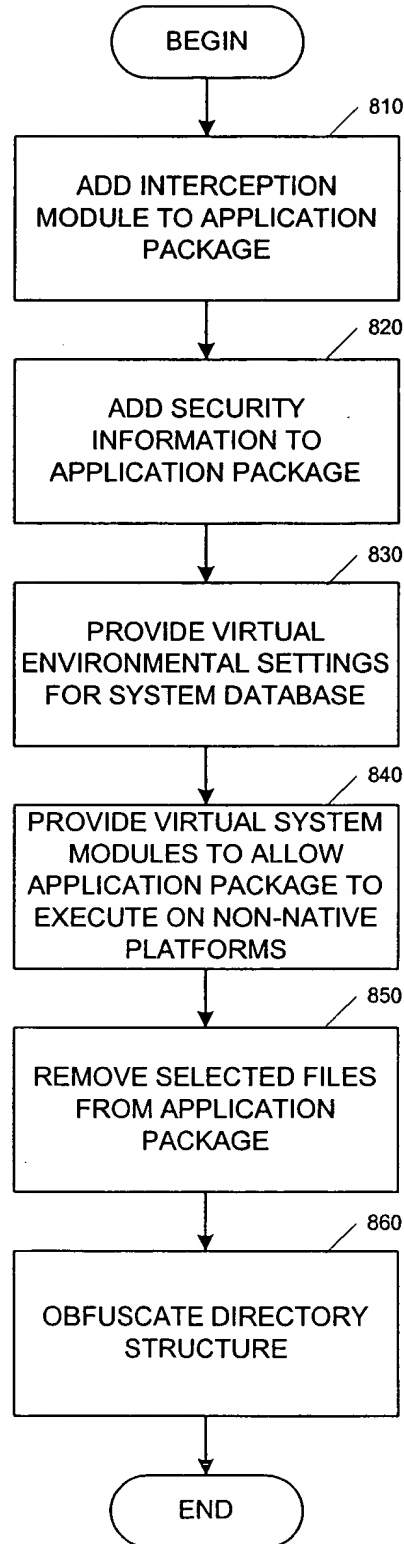


FIG. 8



00527305-11900

B 540

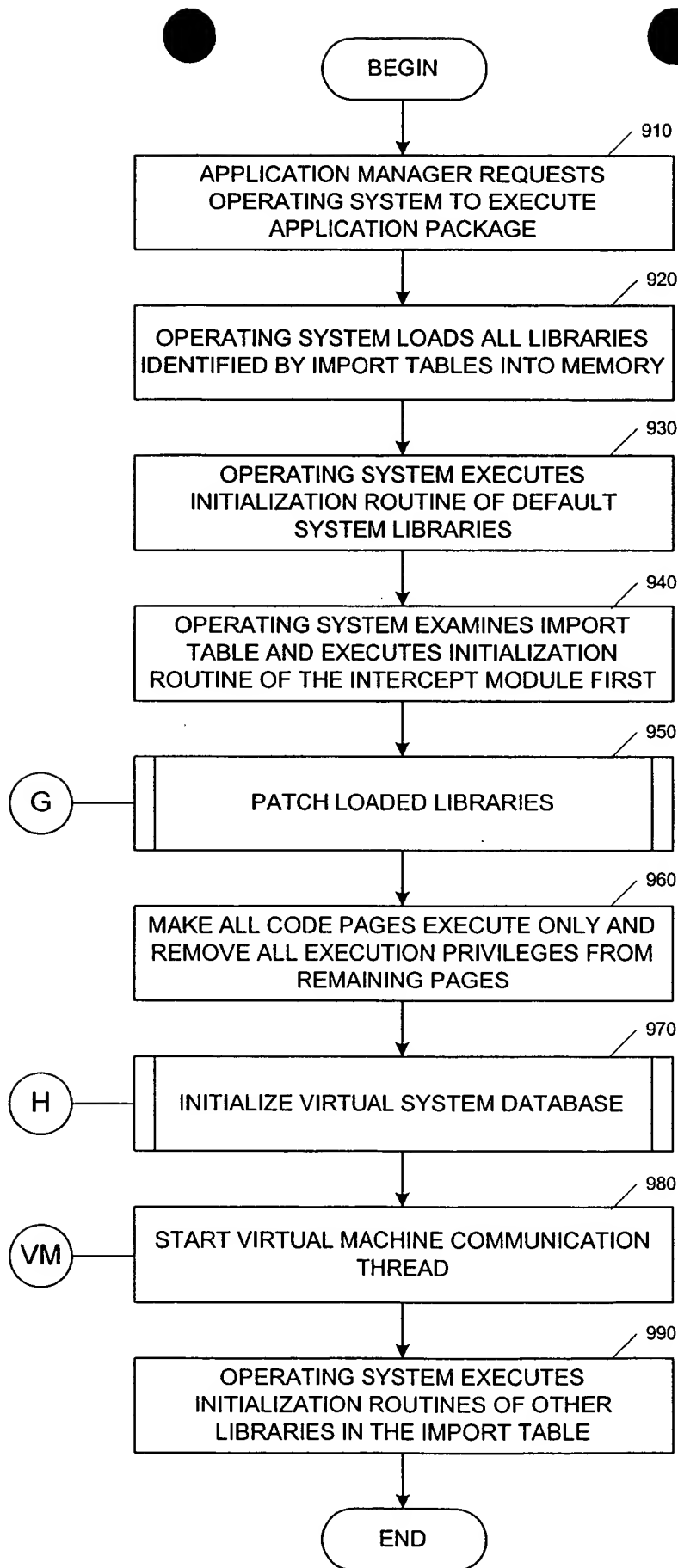


FIG. 9

G 950

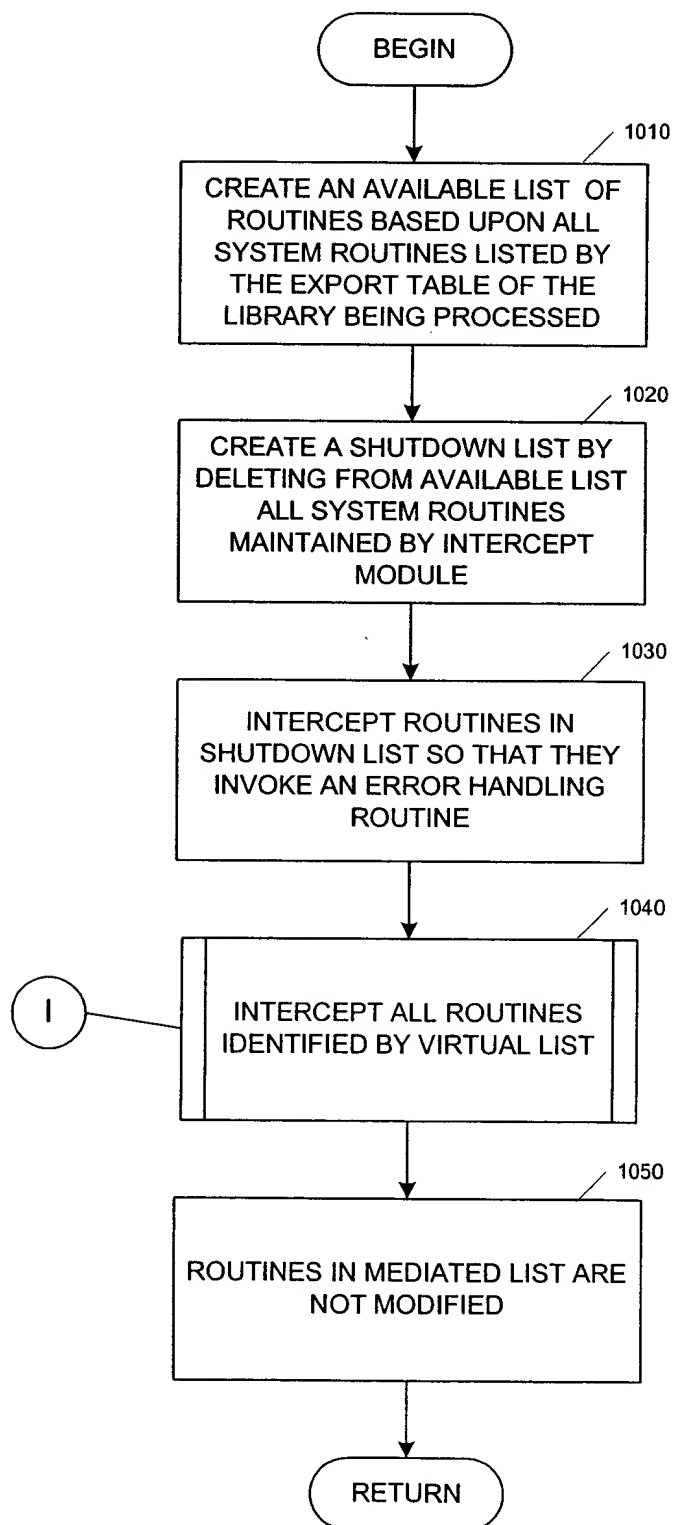


FIG. 10



09727305.112900

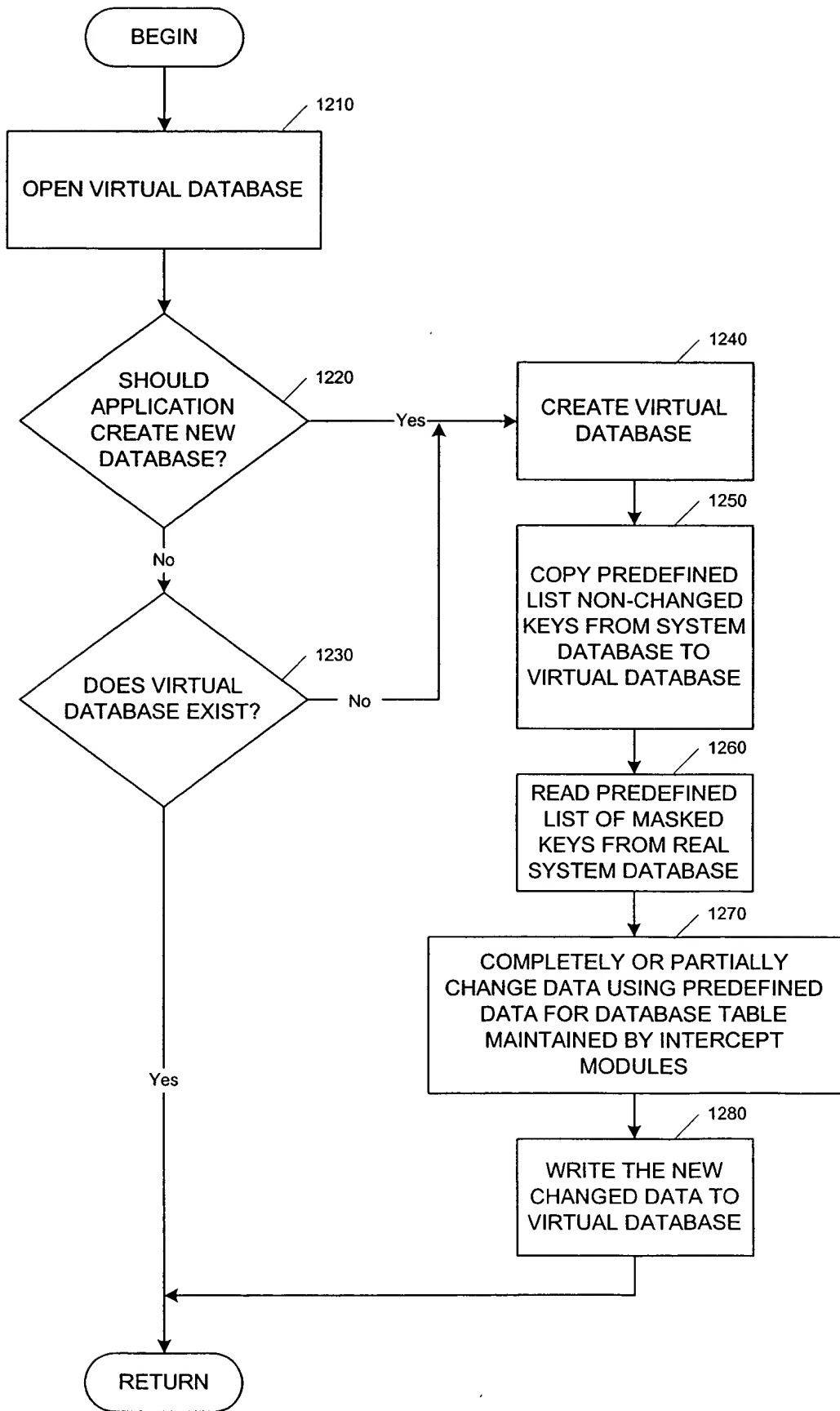


FIG. 12

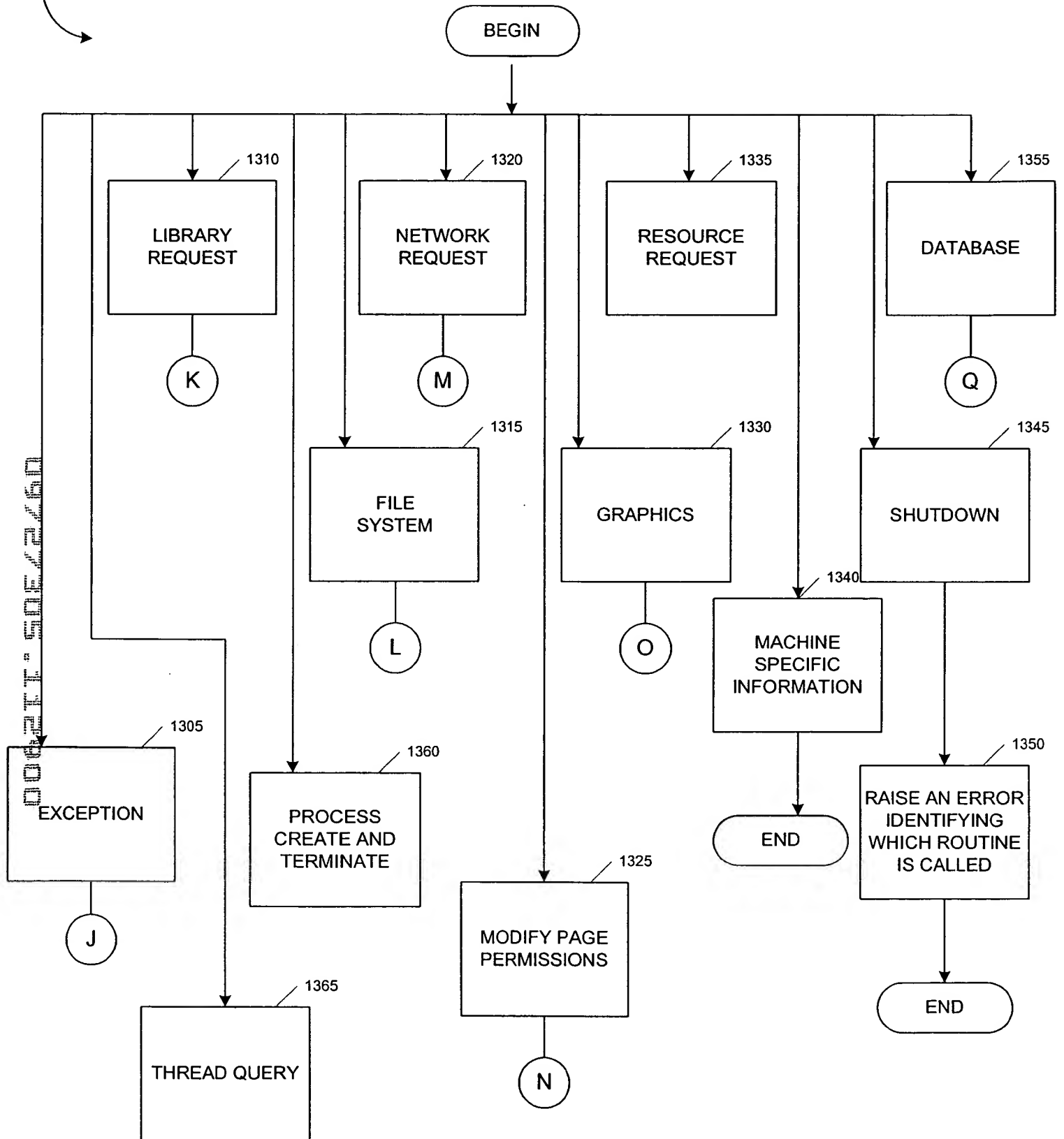


FIG. 13

L

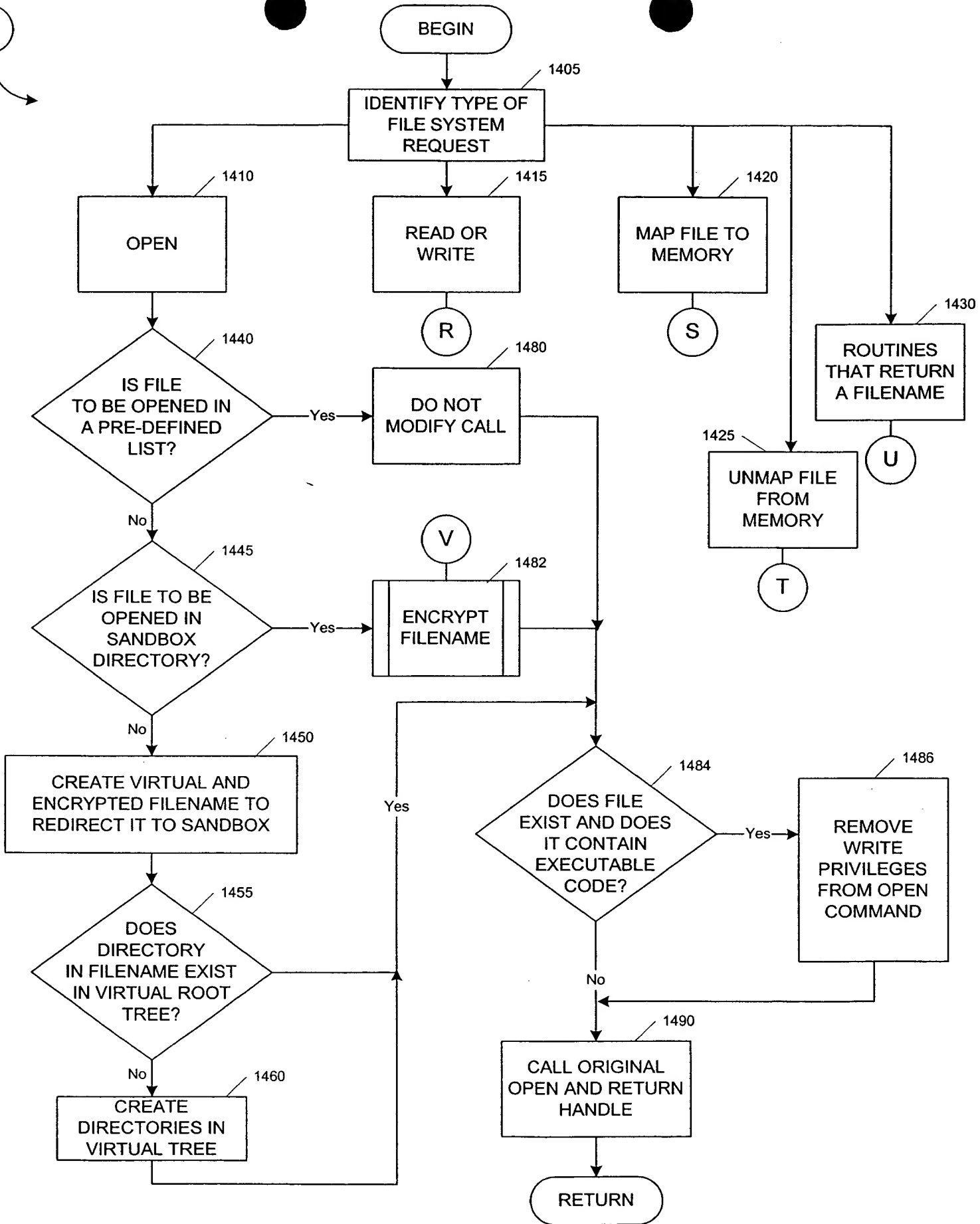


FIG. 14

09727305-112900

J

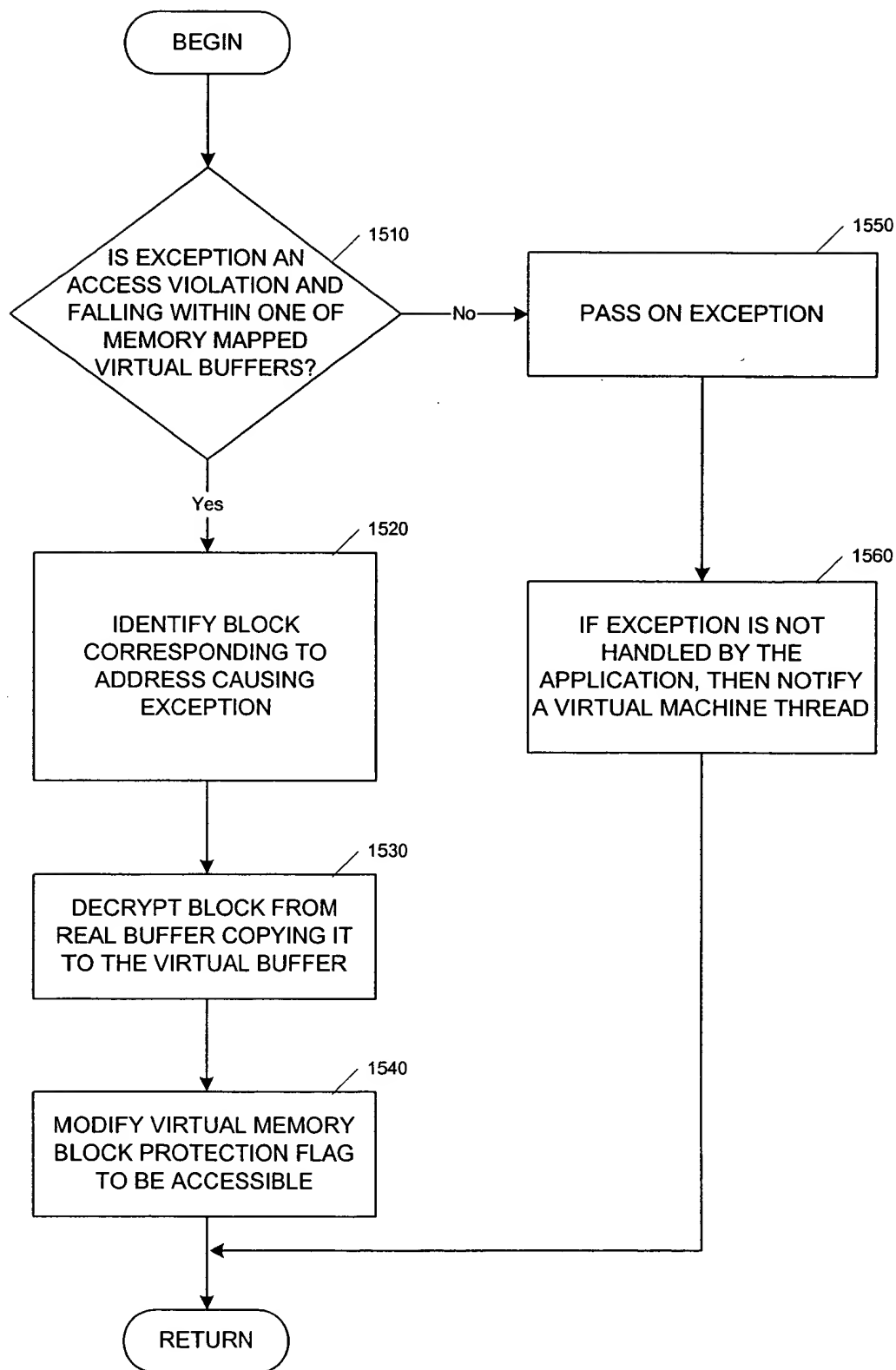


FIG. 15

00627305-11900

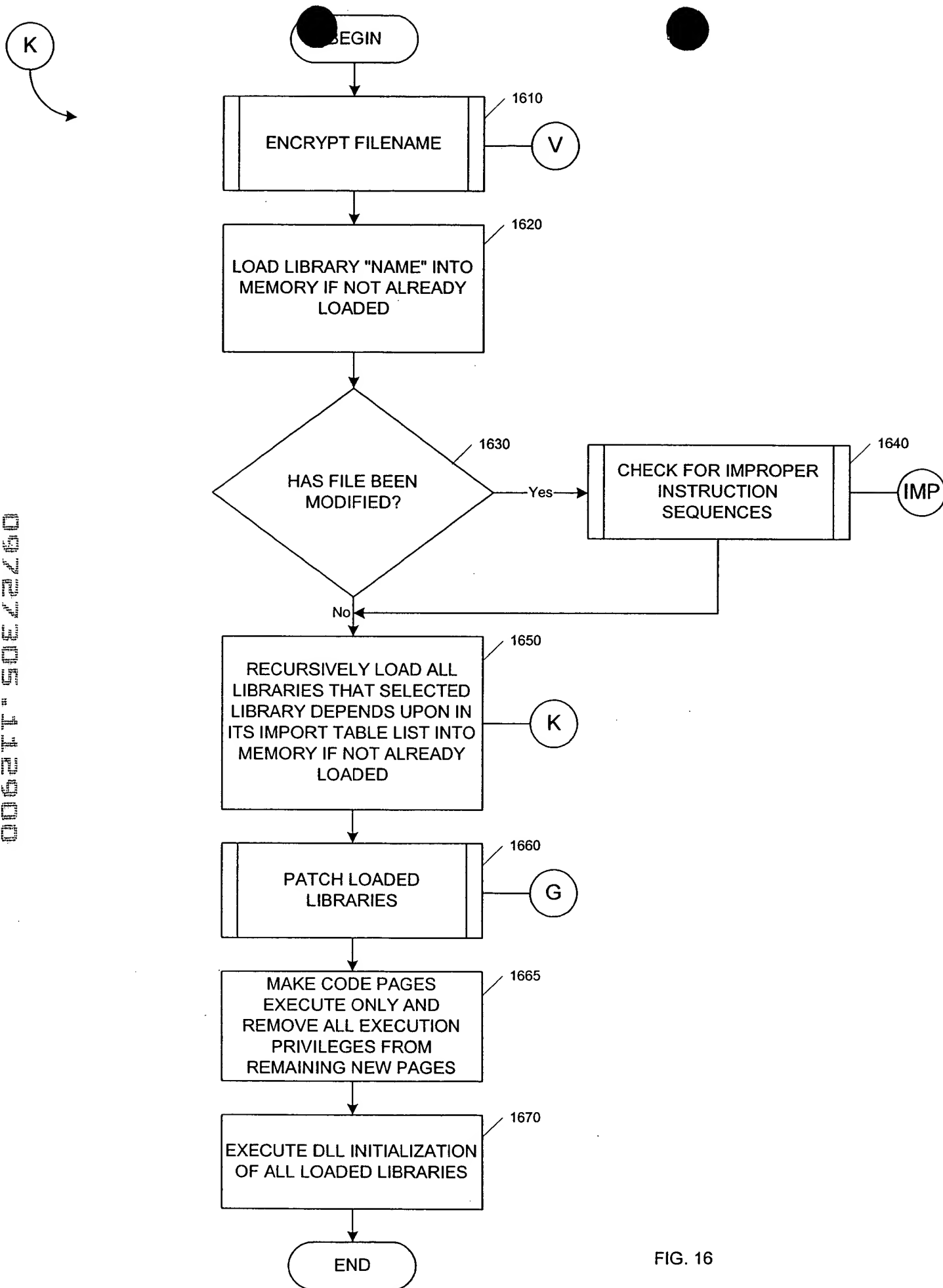


FIG. 16



09727305-11900

IMP

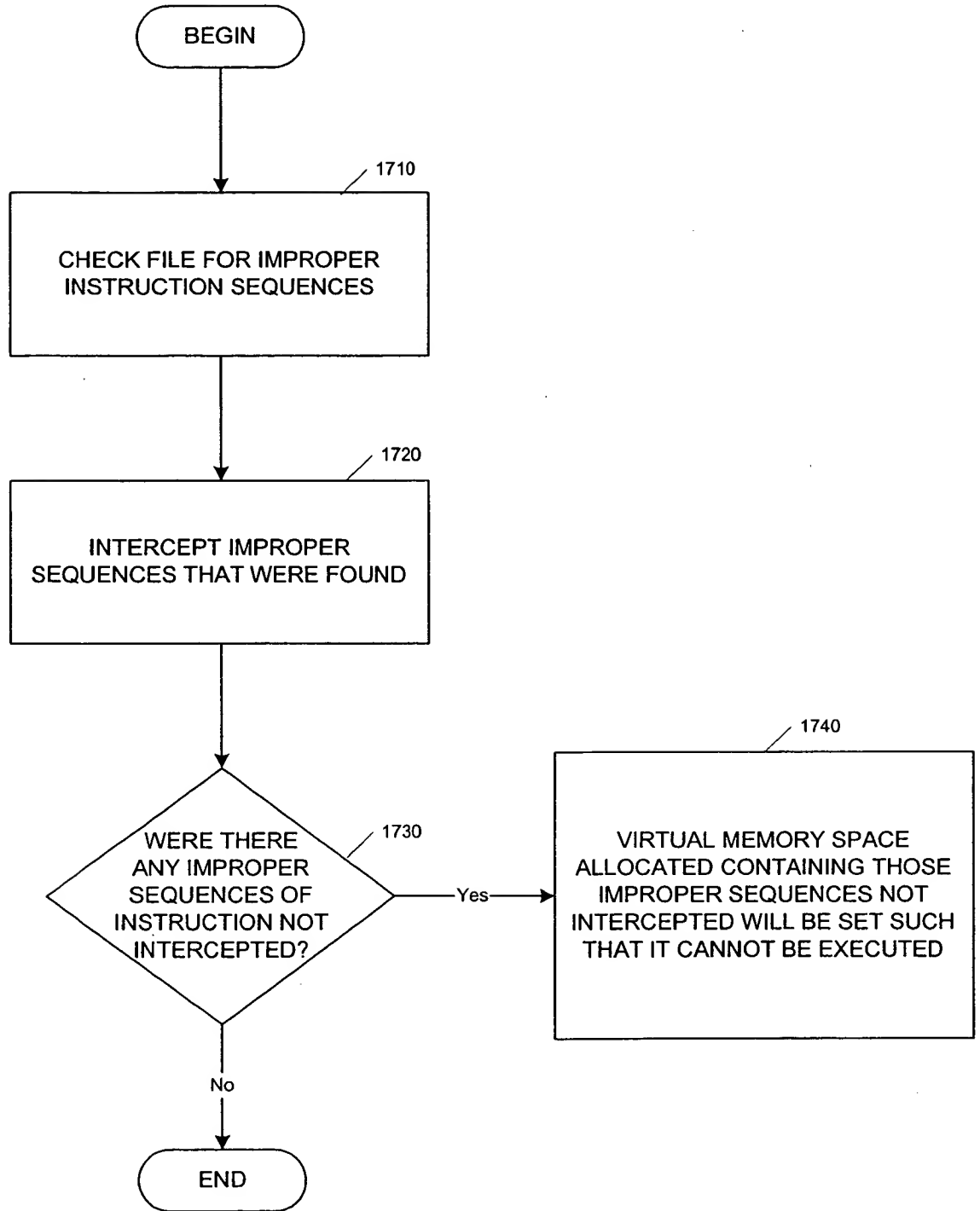


FIG. 17

M

006211 50E 2260

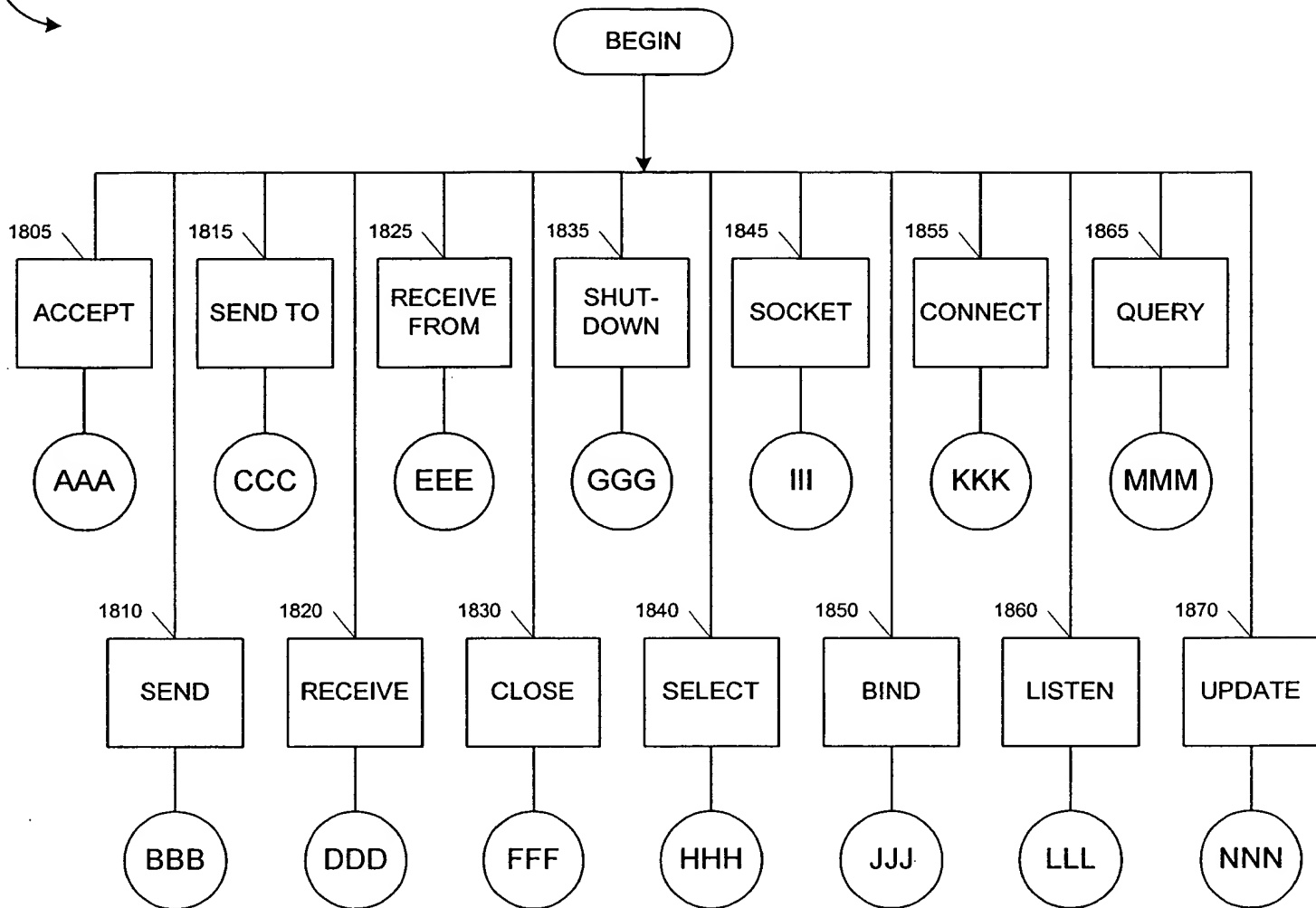


FIG. 18

AAA

00621150E260

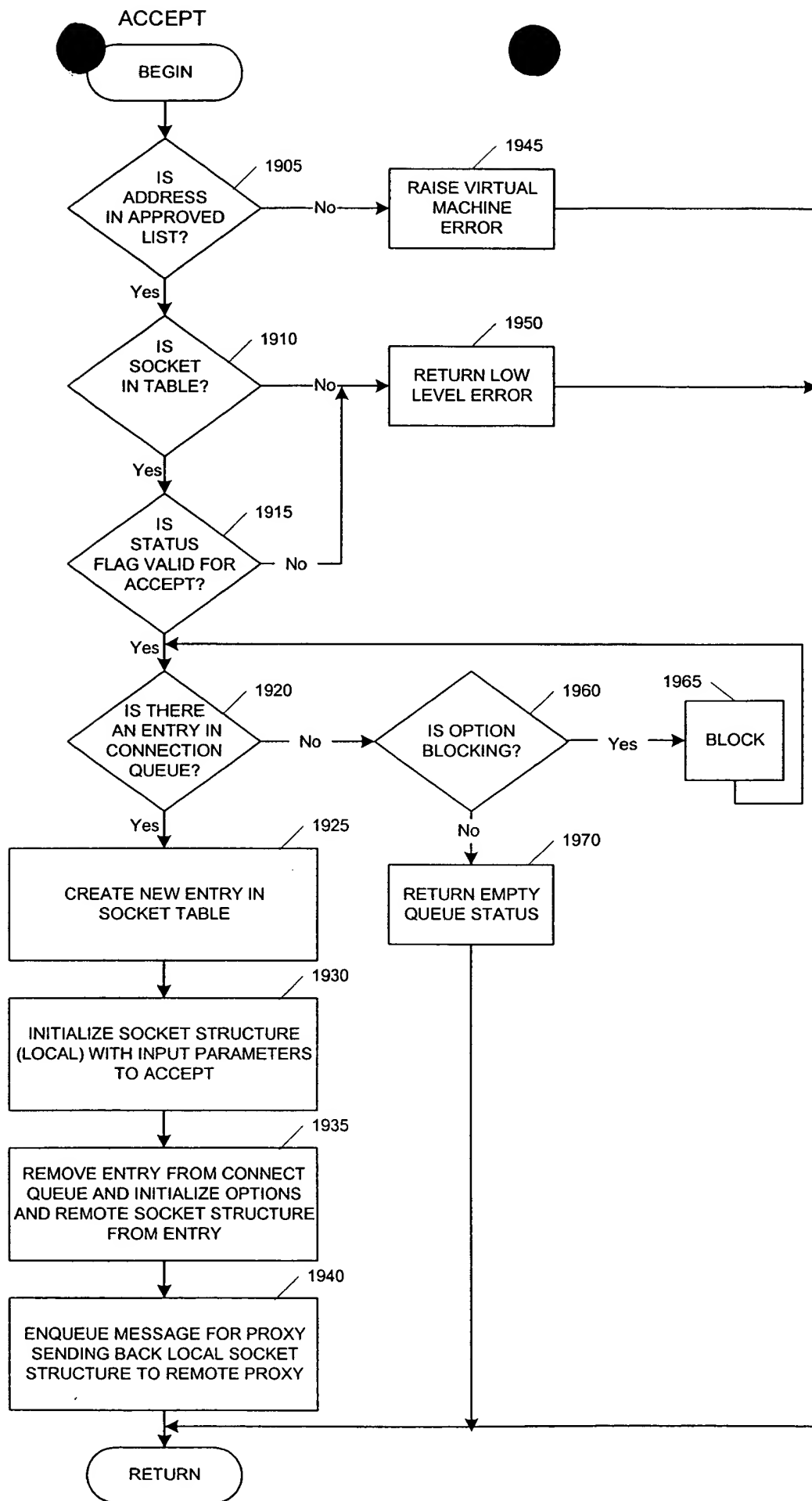


FIG. 19

BBB

006627305.13900

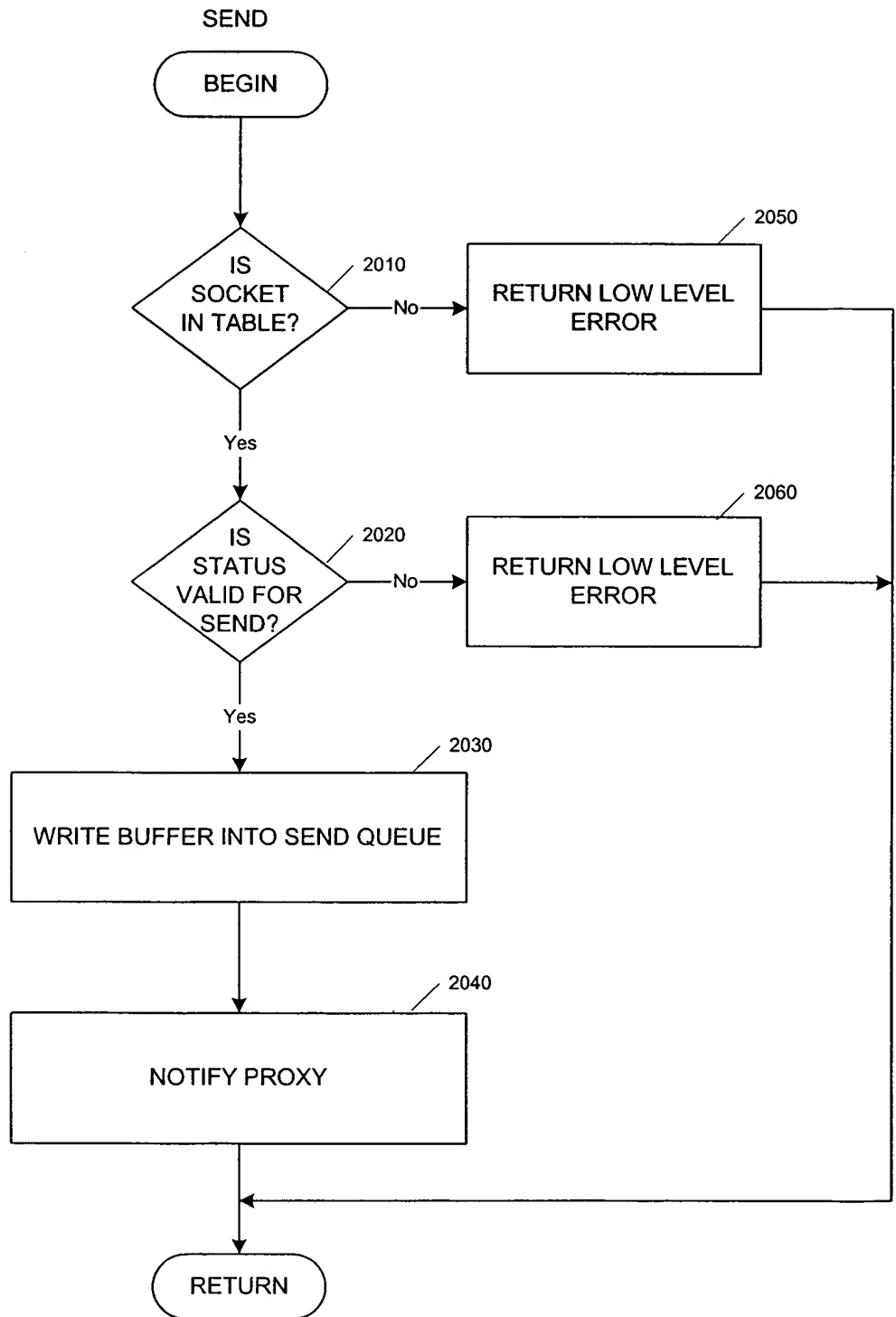


FIG. 20

CCC

005211"50E/2260

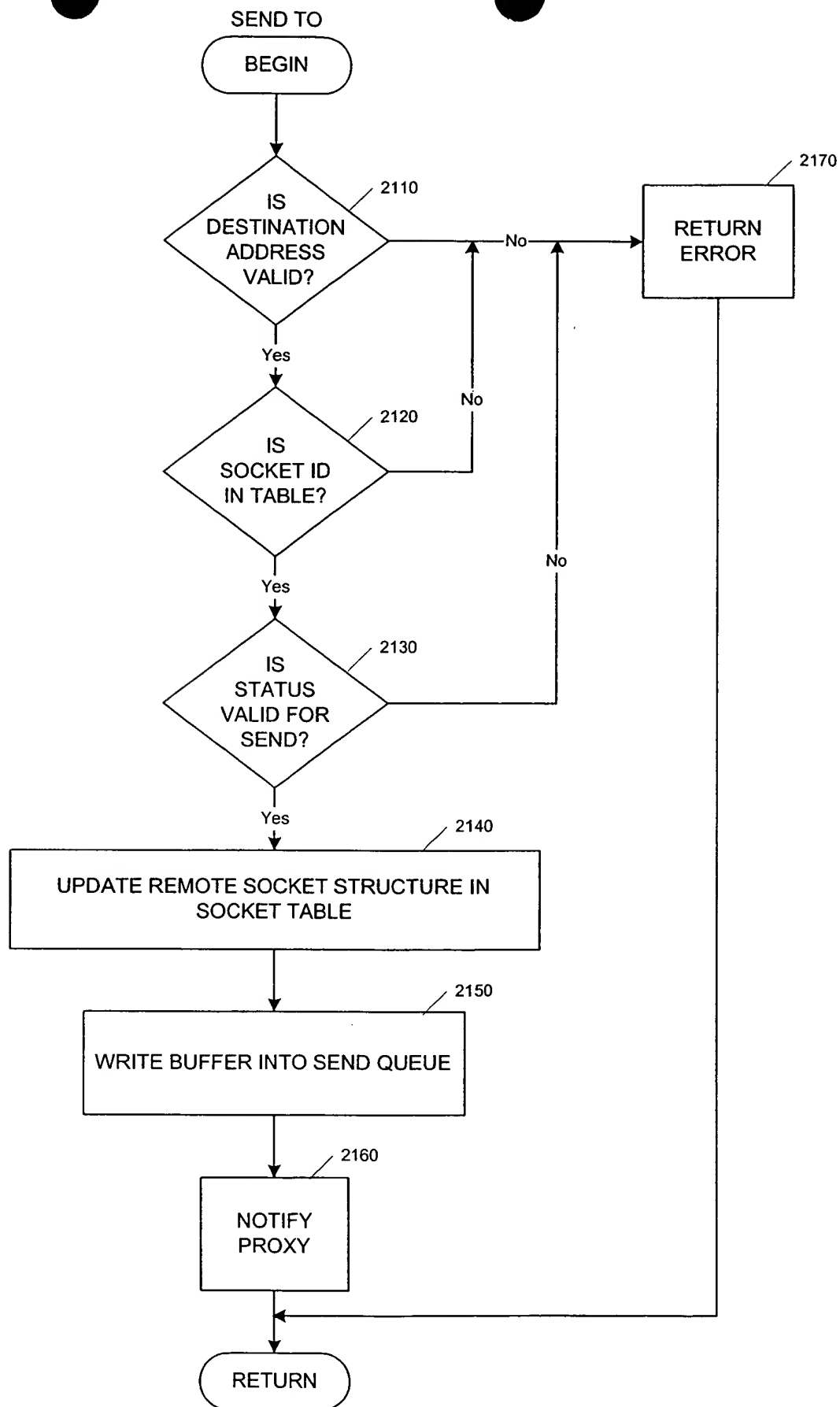


FIG. 21

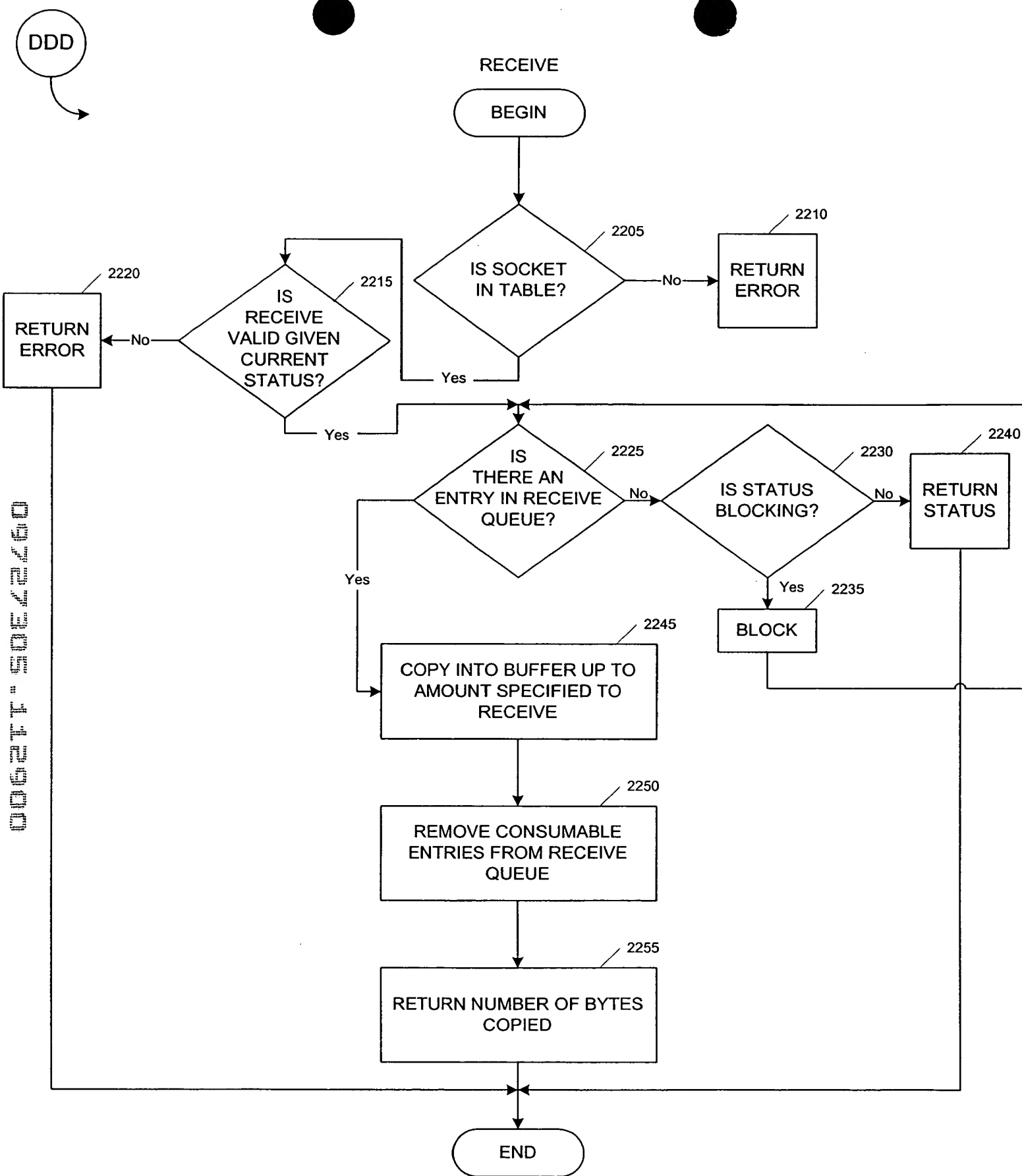


FIG. 22

EEE

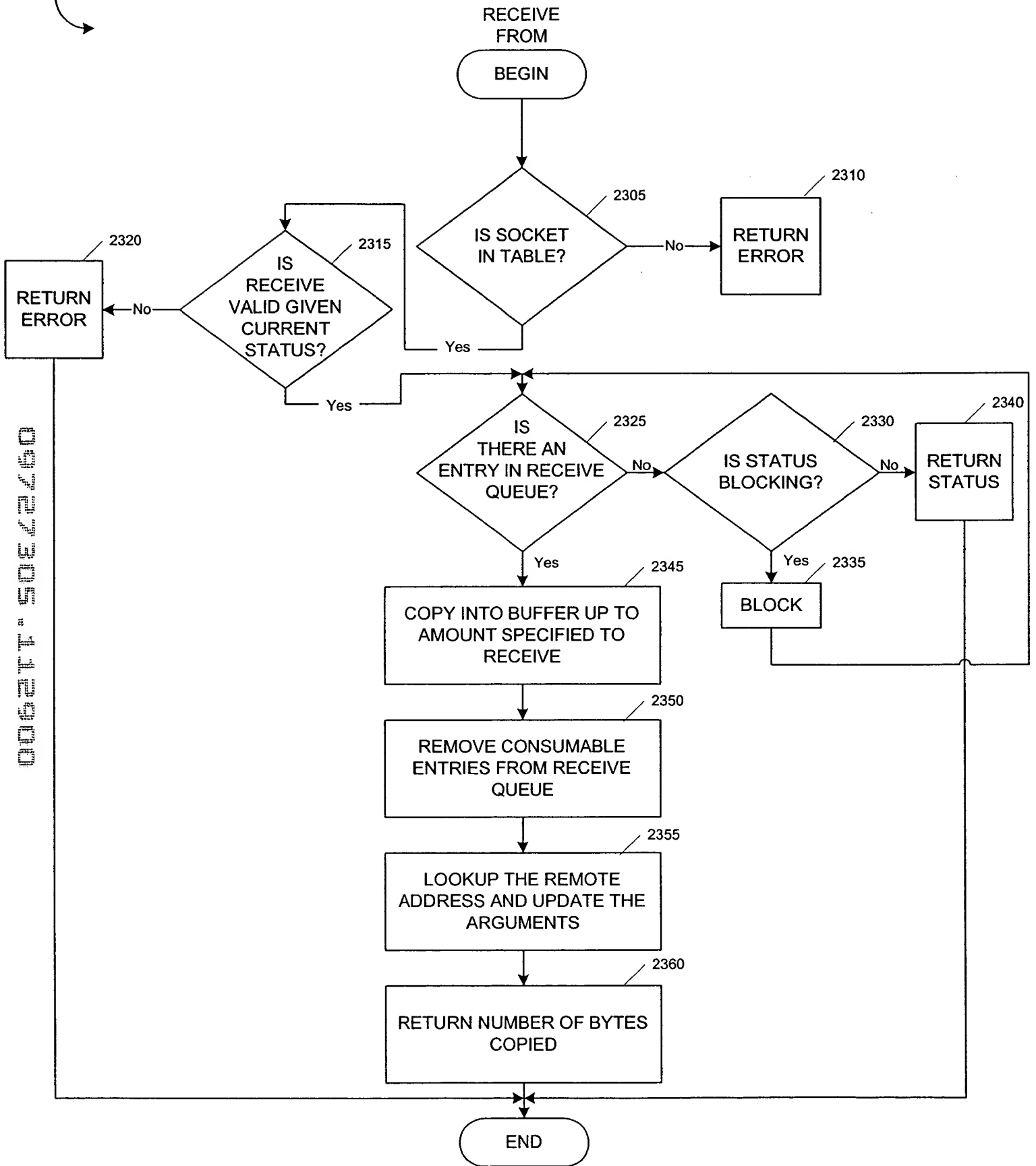


FIG. 23

FFF

006271"50E/2/50

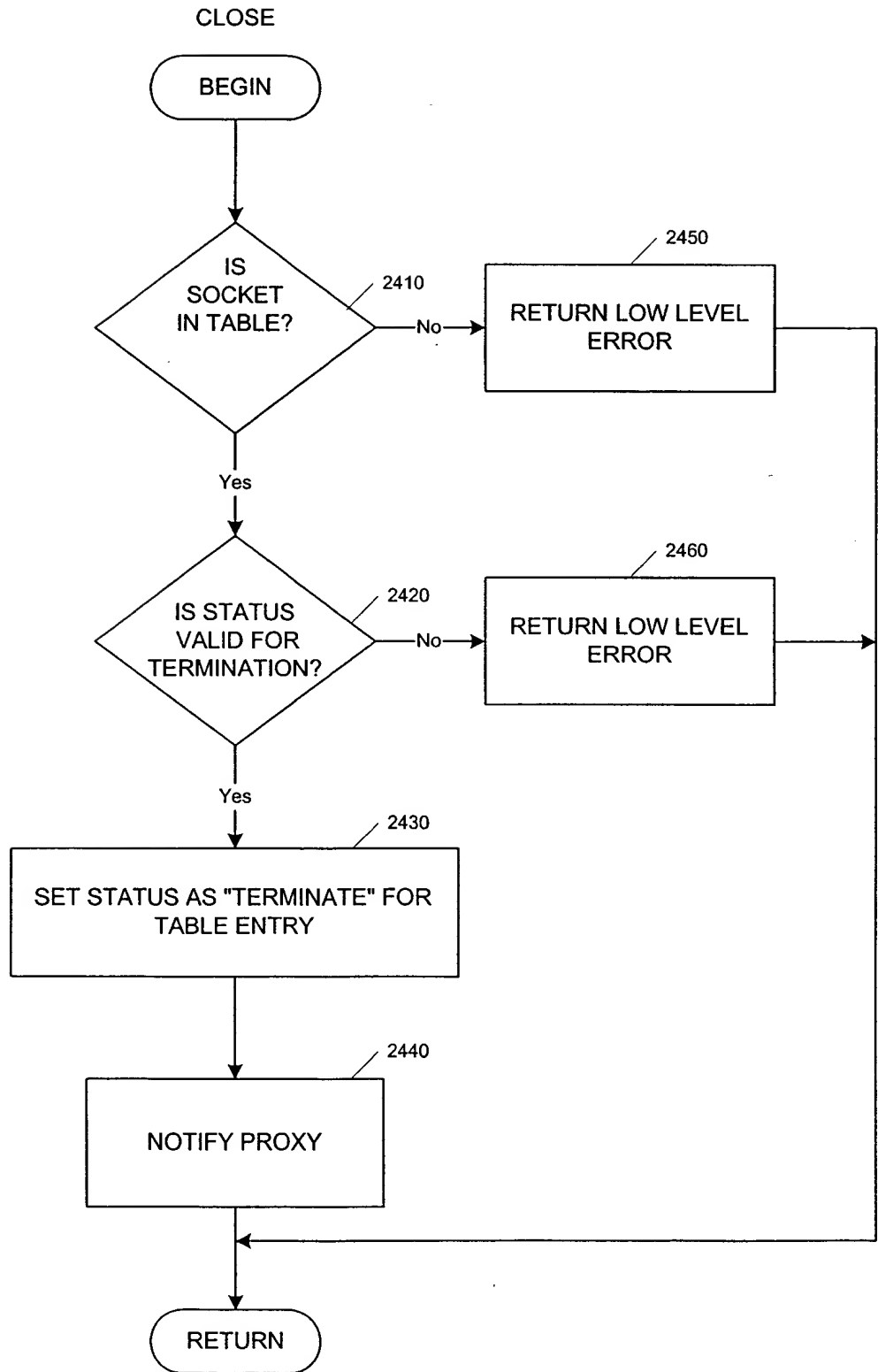


FIG. 24



GGG

0062T 50E/2260

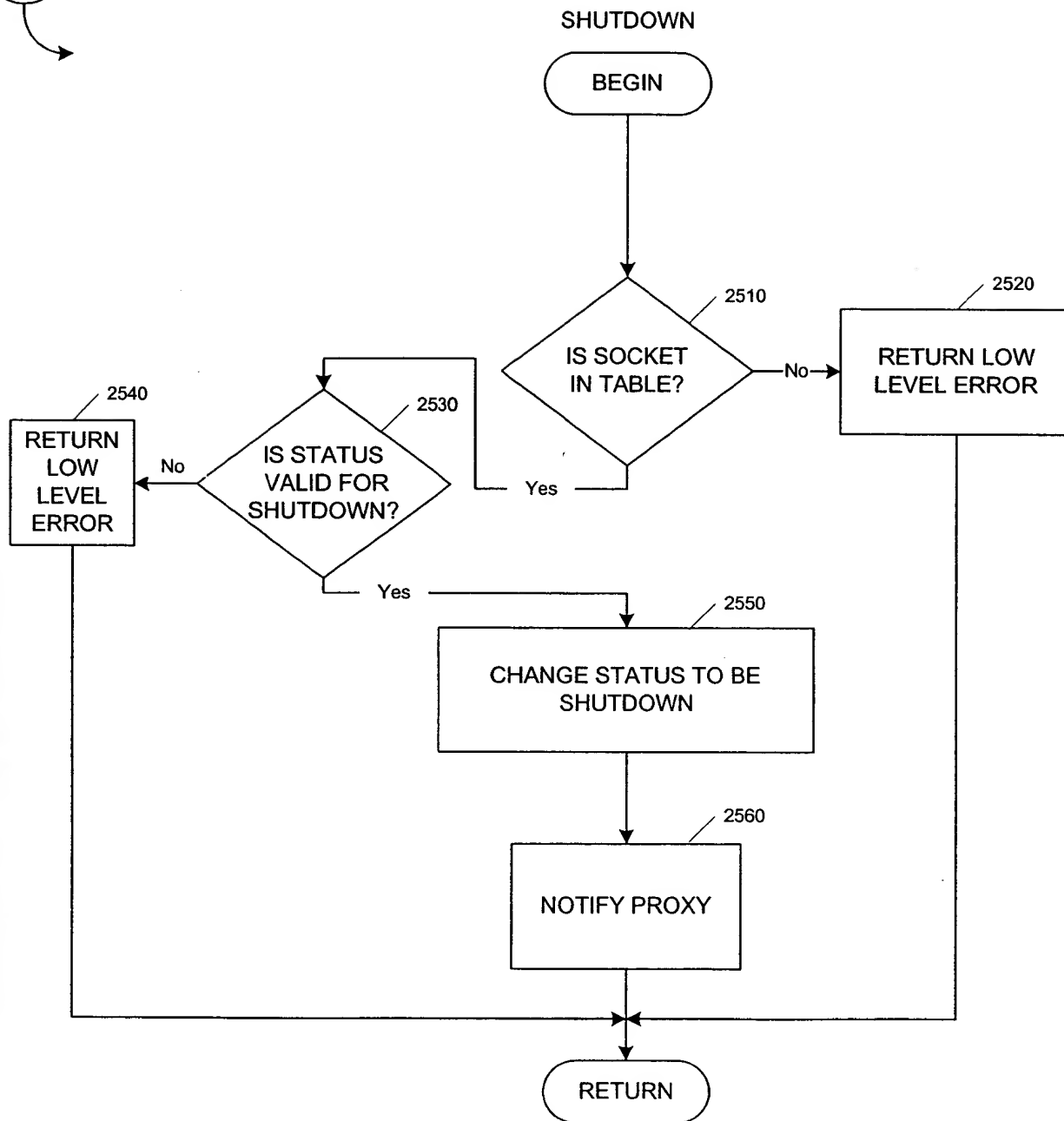


FIG. 25

HHH

09/27/2015 11:29:00

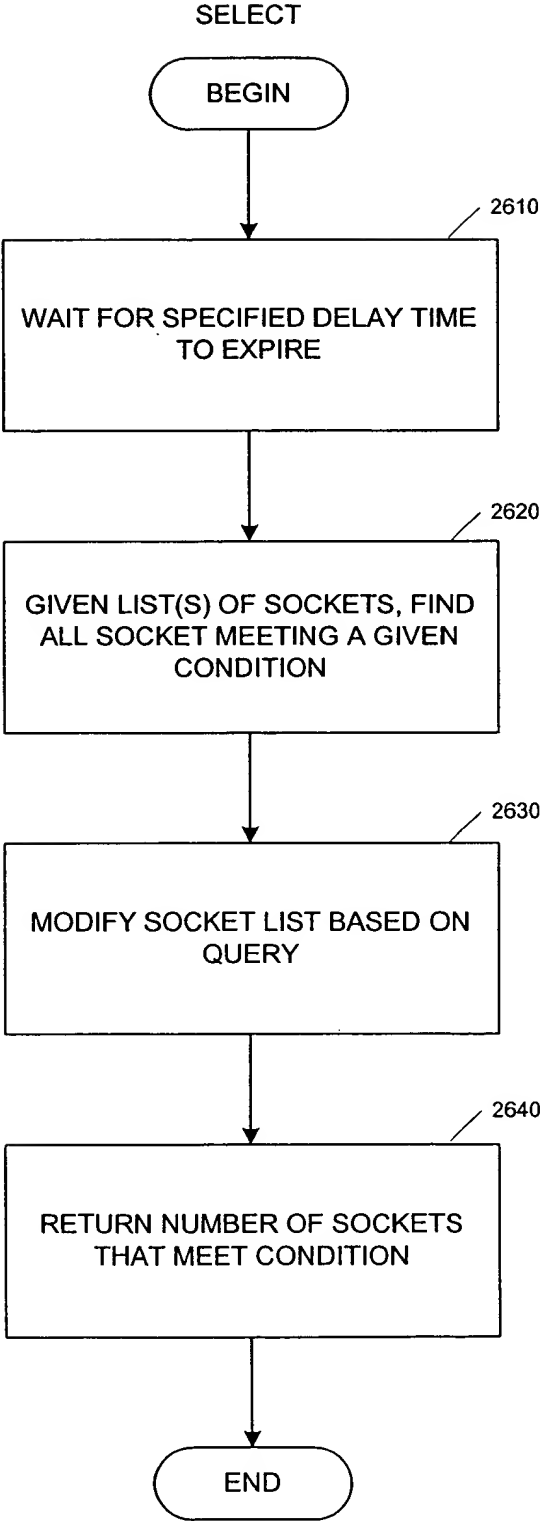
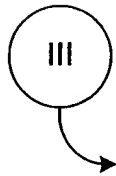


FIG. 26



1845

09727305.112900

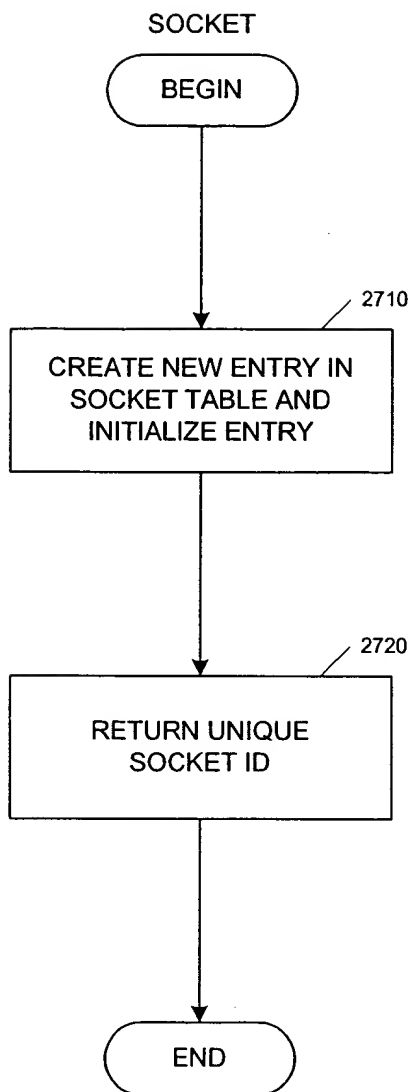


FIG. 27

JJJ

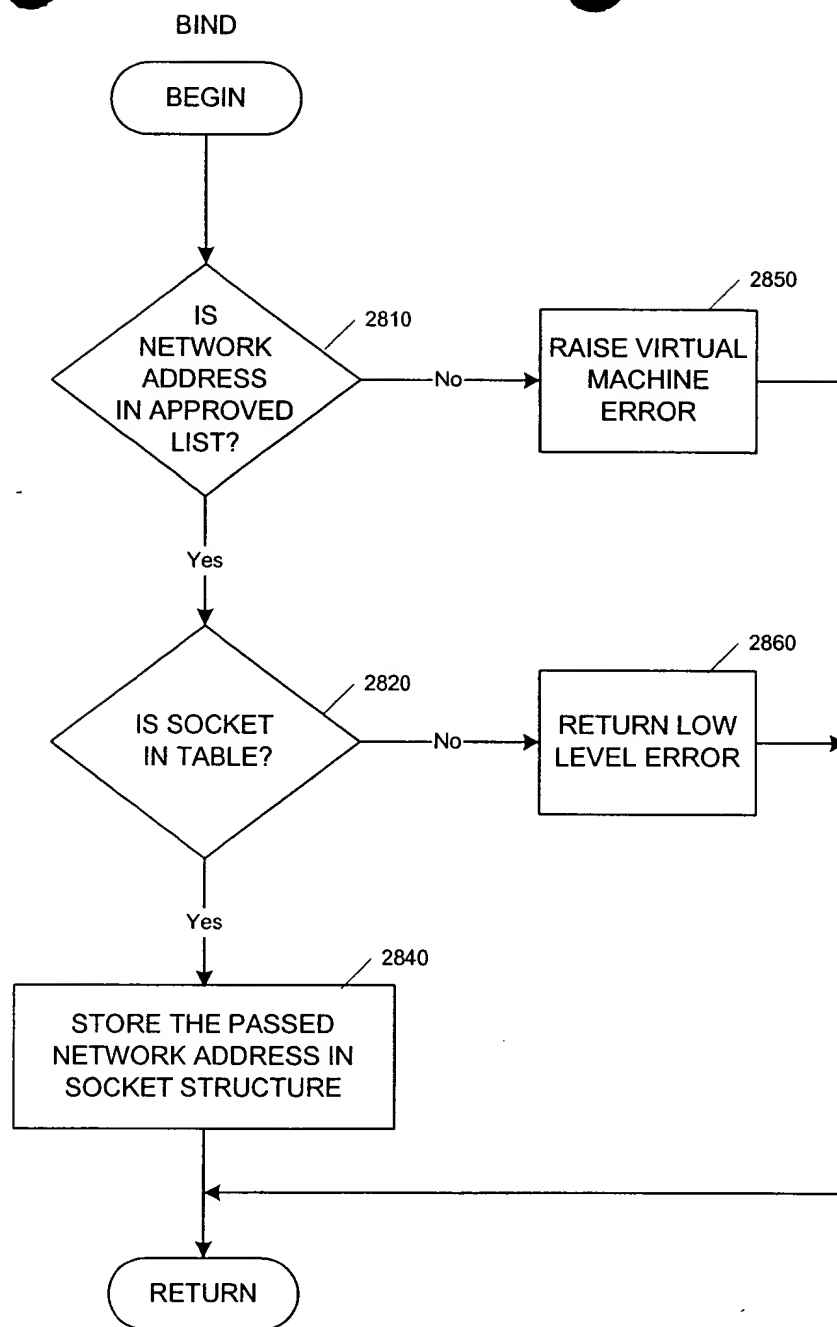


FIG. 28

KKK

00621150E2260

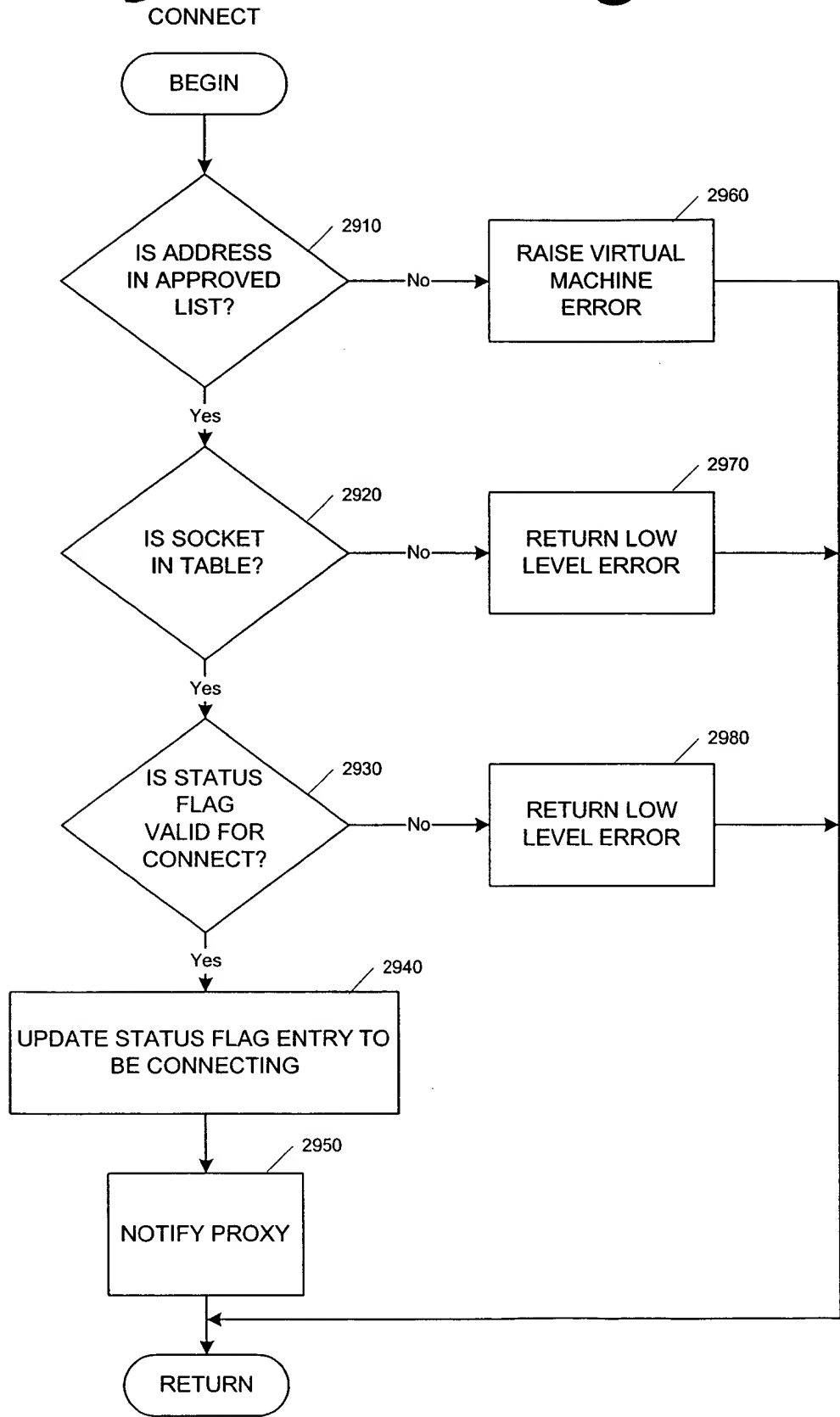


FIG. 29

LLL

09727305-112900

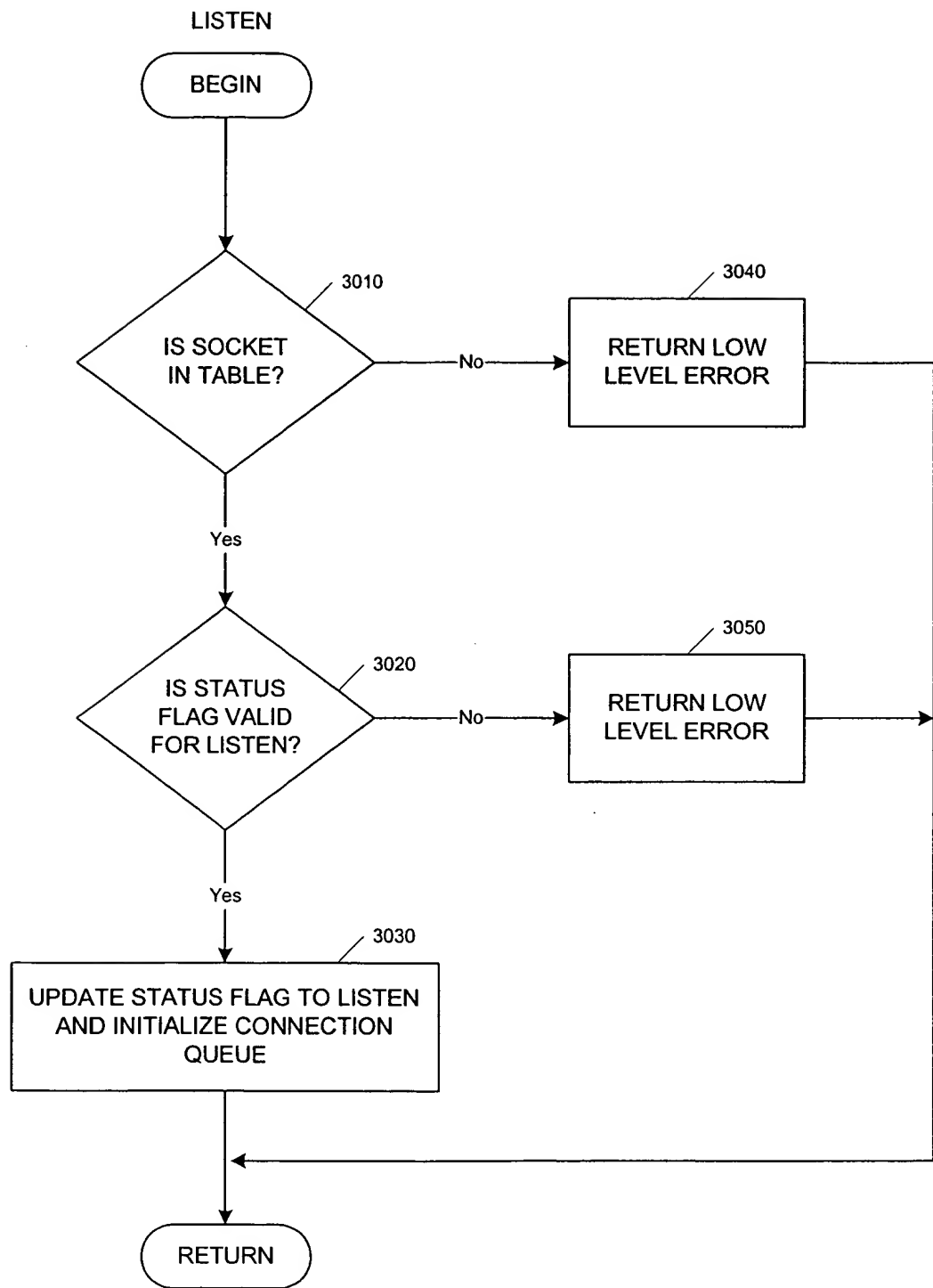


FIG. 30

MMM

09/27/2005 11:29:00

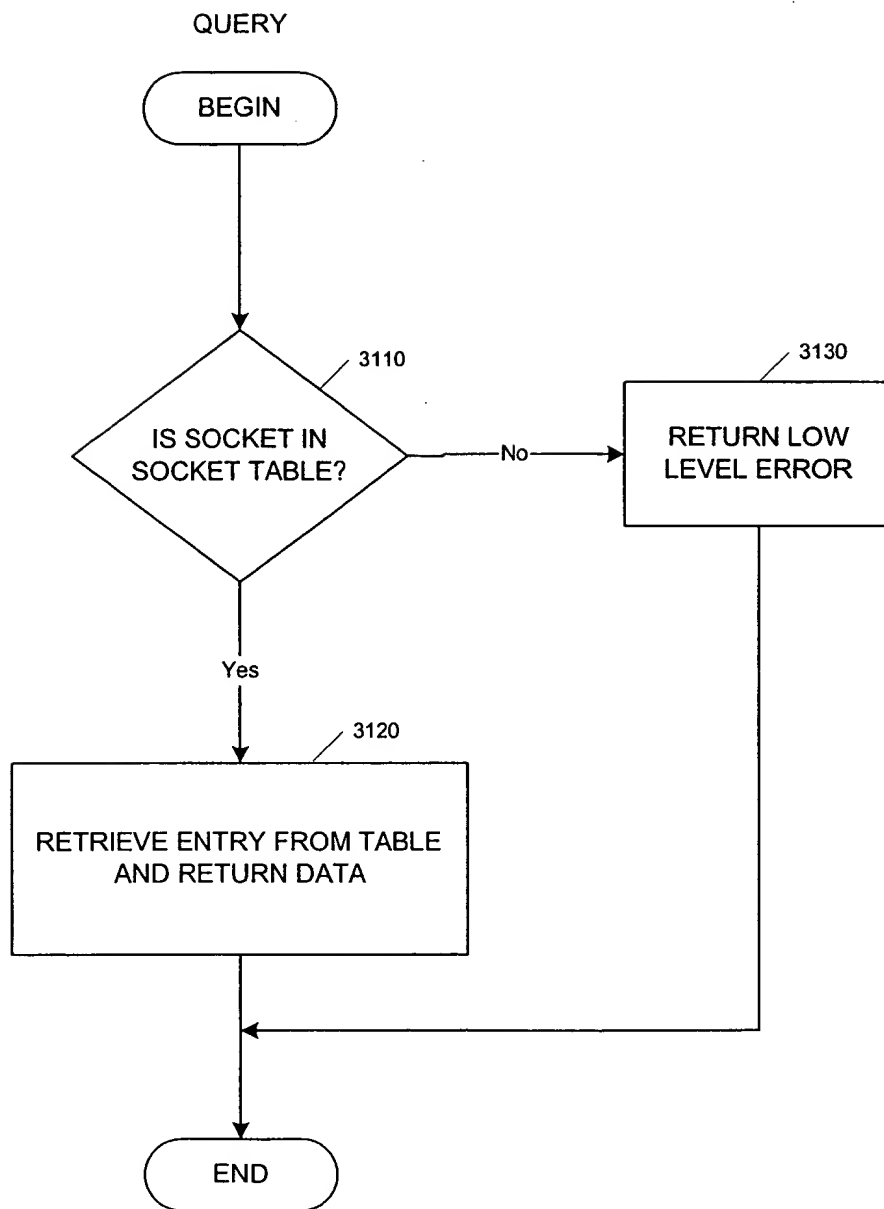


FIG. 31

UPDATE

BEGIN

IS SOCKET ID  
IN TABLE?

3210

No

RETURN LOW LEVEL  
ERROR

3230

Yes

UPDATE STATUS OF CONDITIONS  
OR FLAGS

3220

RETURN

FIG. 32

NNN

09727305-112900



006277-5082250

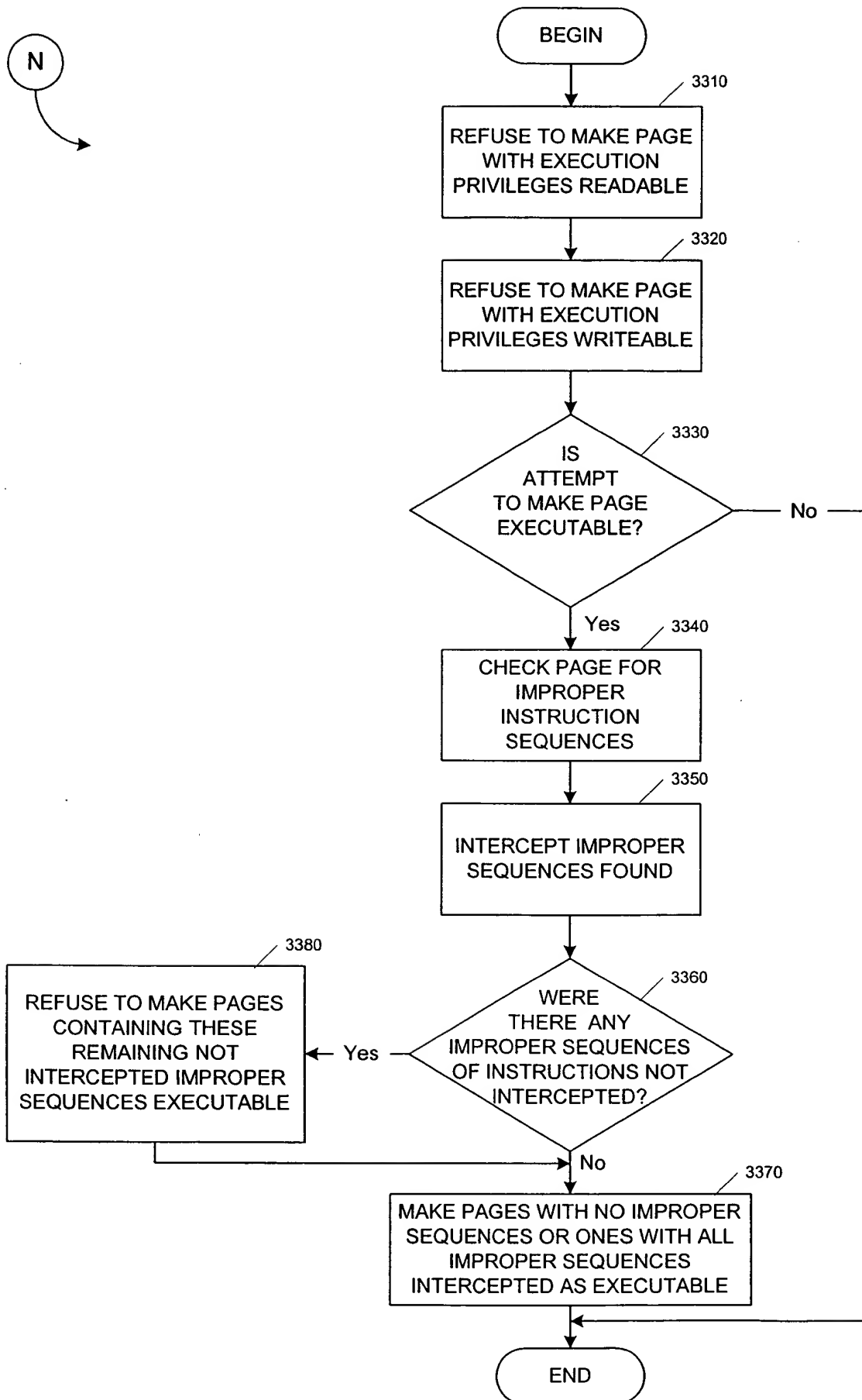


FIG. 33

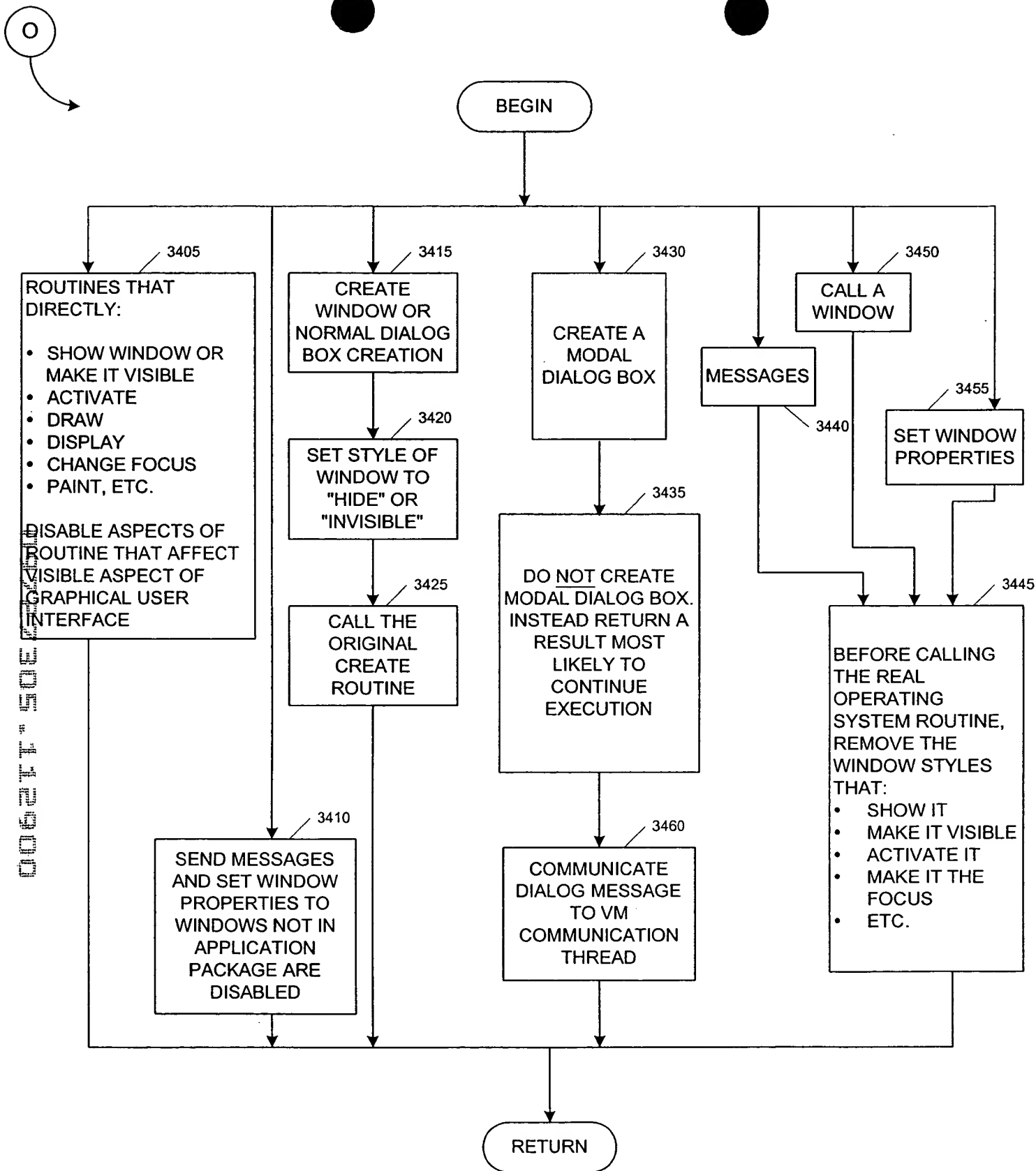
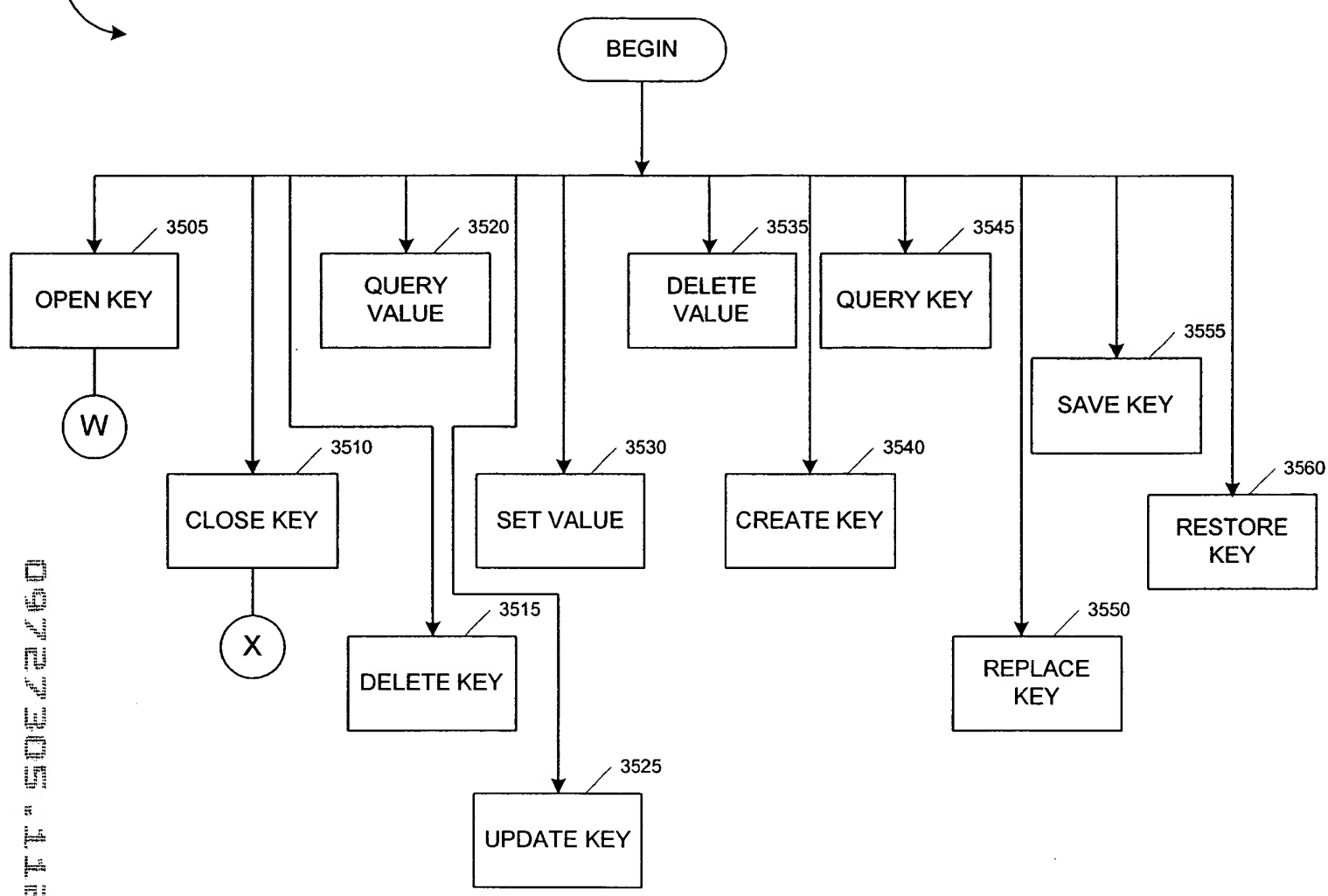


FIG. 34

Q



00621" 50E22/60

FIG. 35

006677 50E2260

W

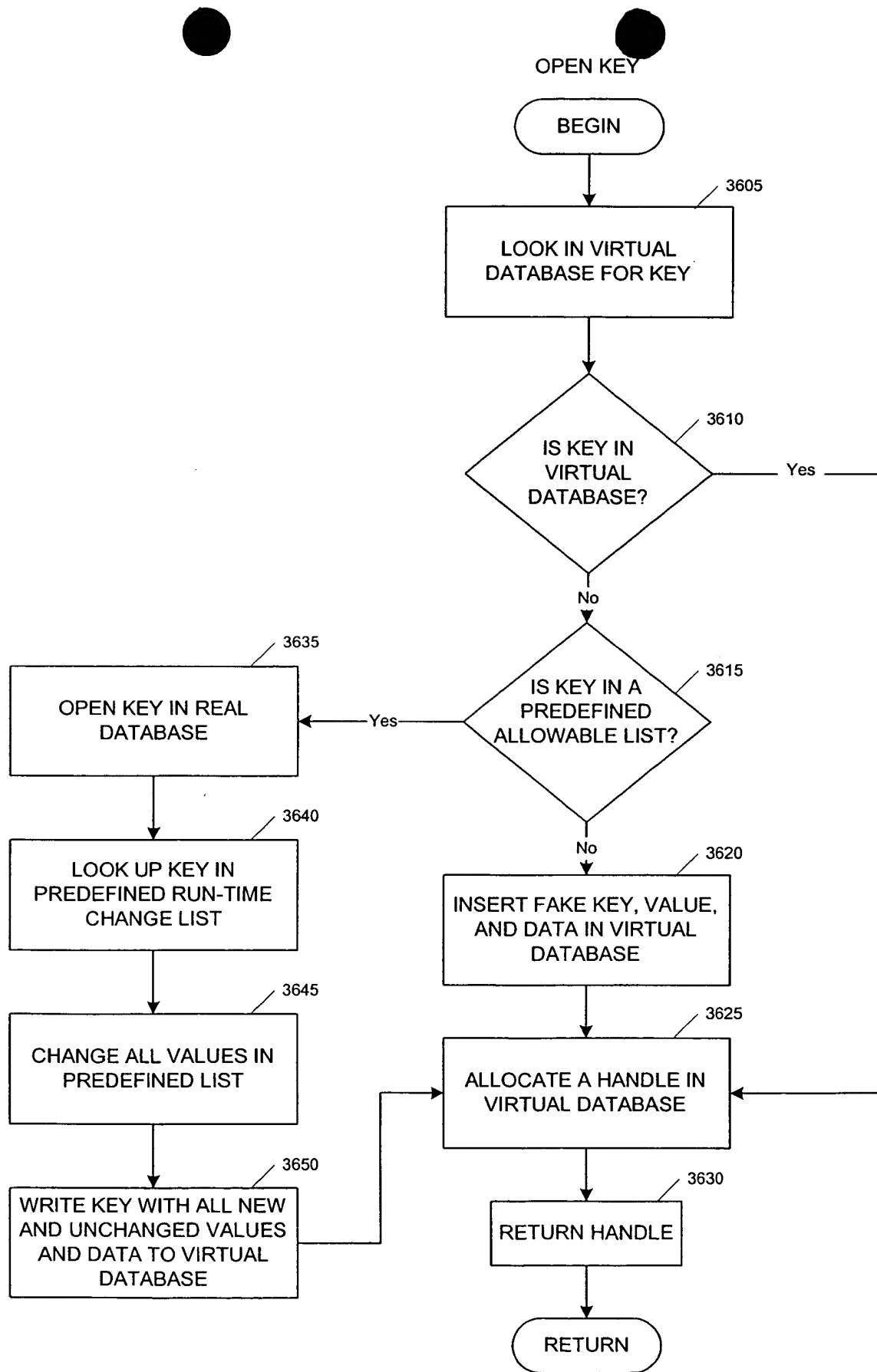
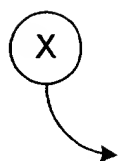


FIG. 36



CLOSE KEY

BEGIN

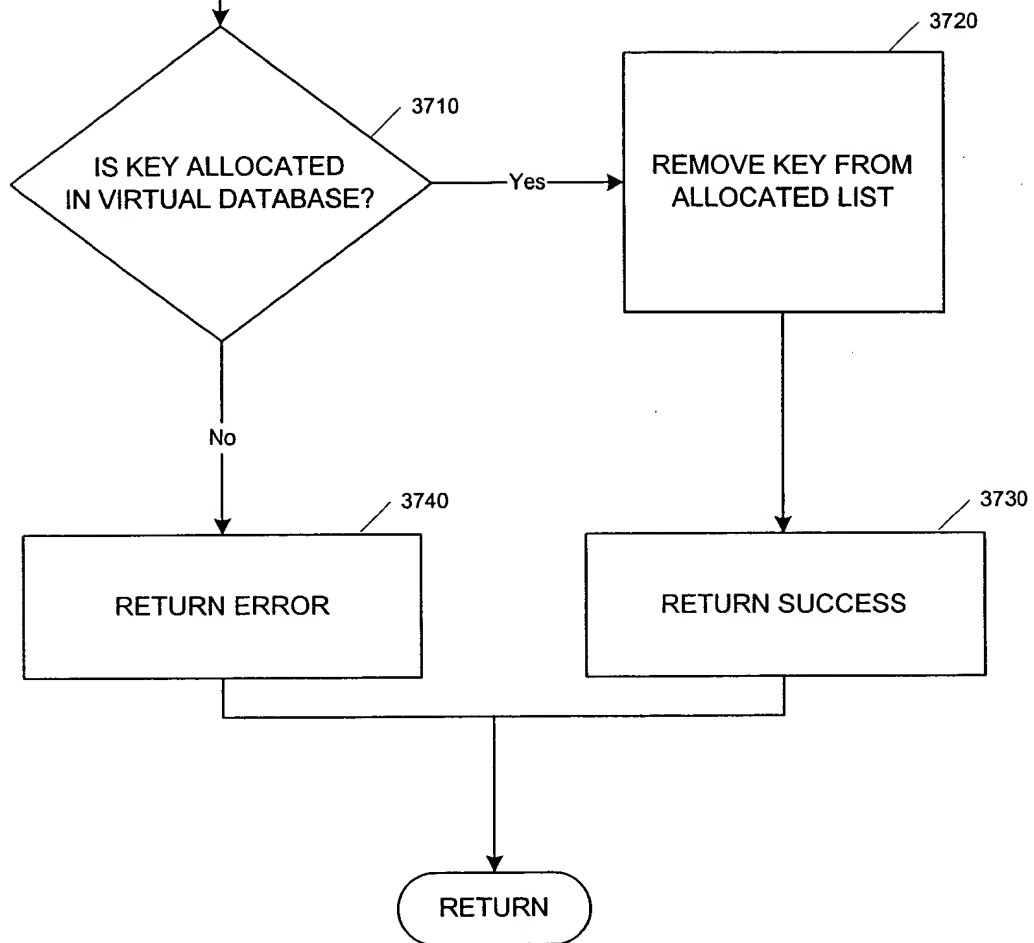


FIG. 37

006277-50E/2260

R

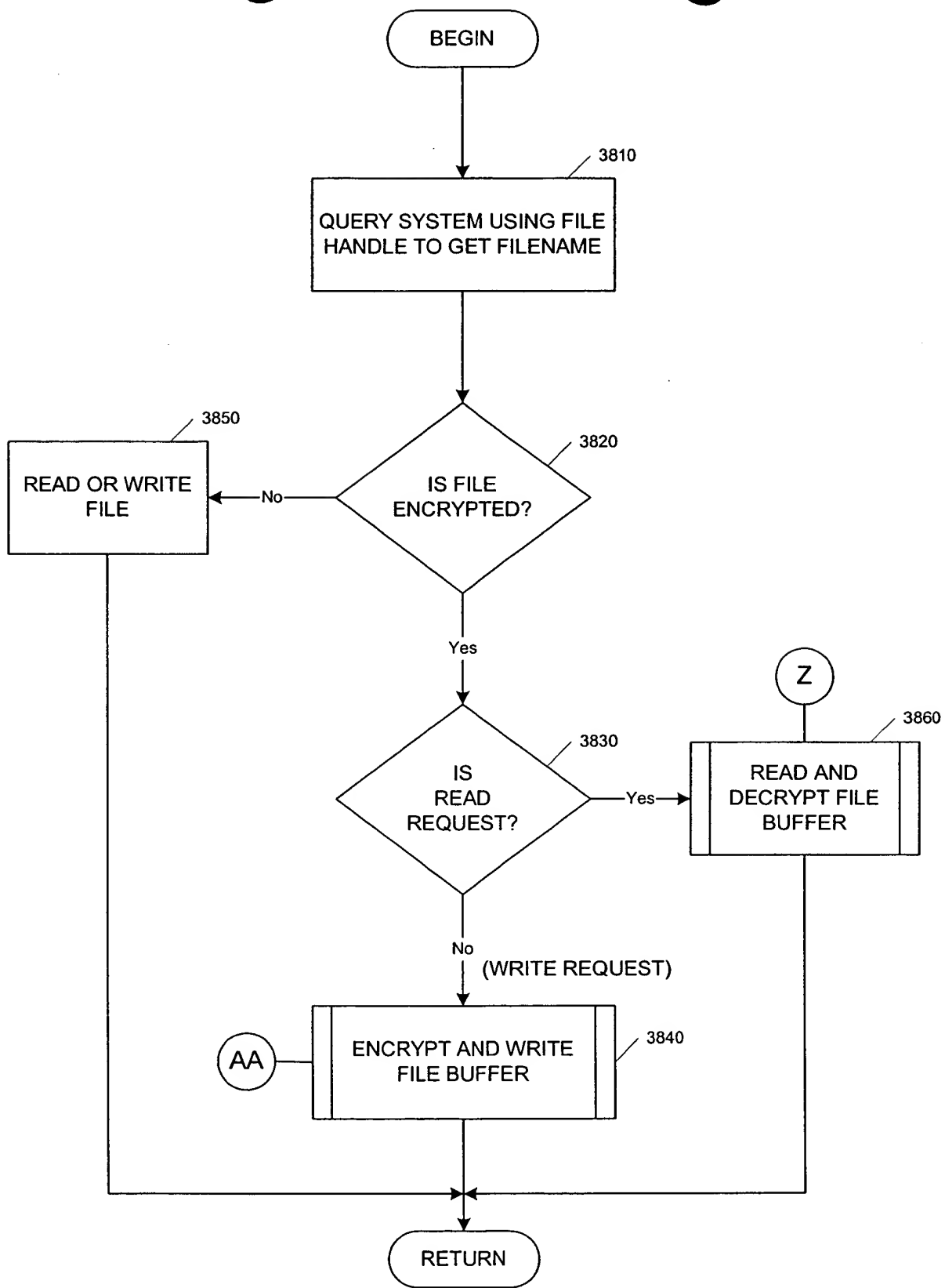


FIG. 38

00627-50E/2260

z

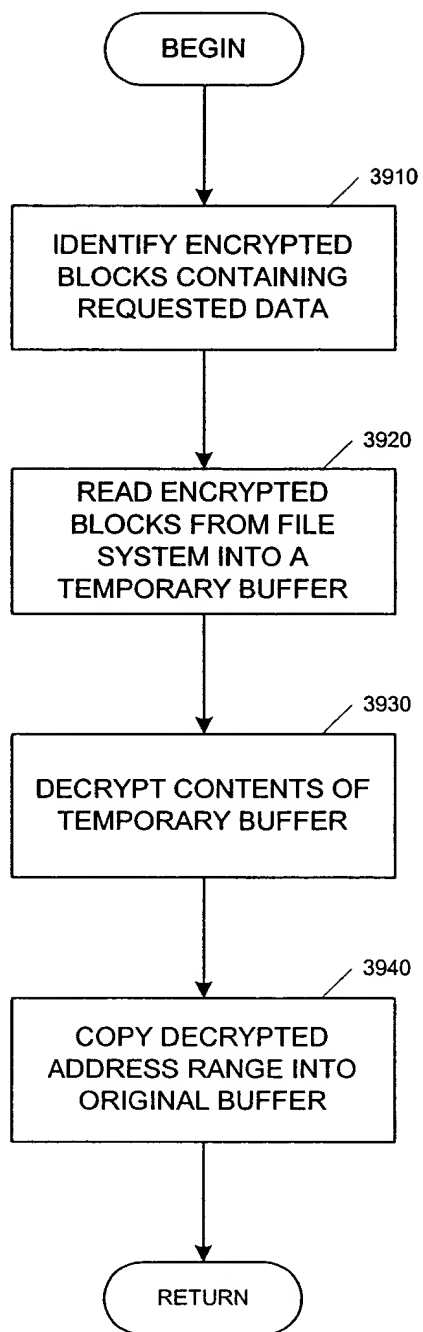


FIG. 39

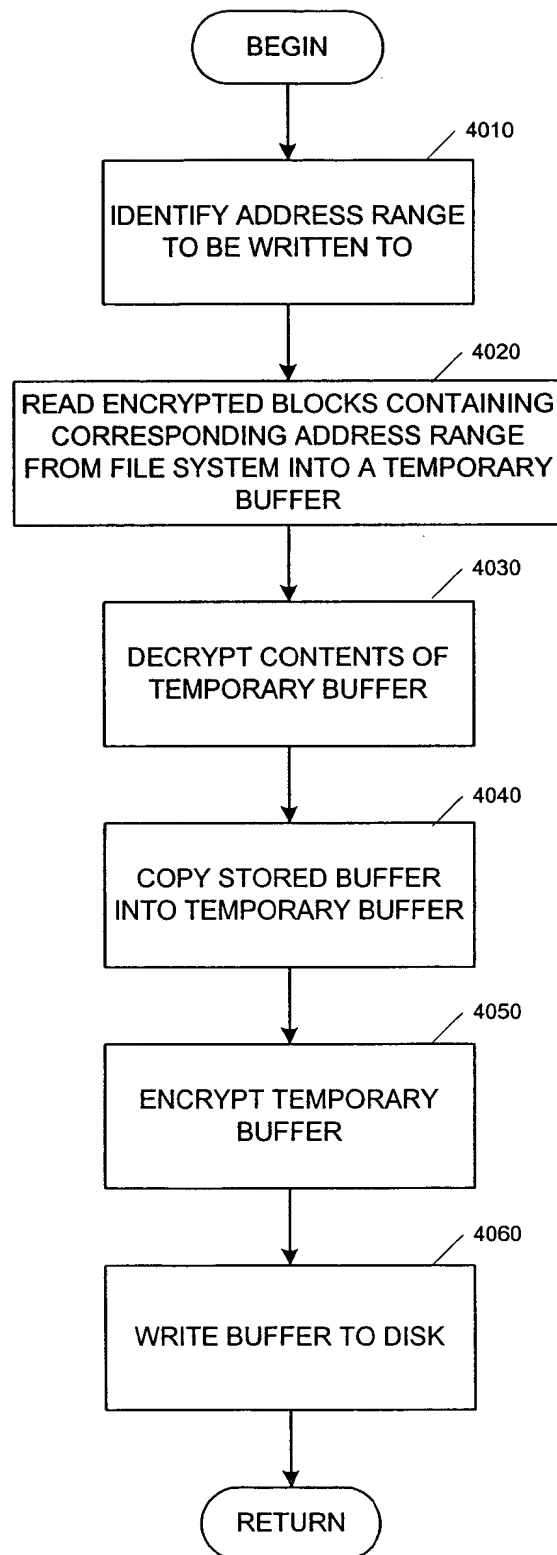


FIG. 40



S

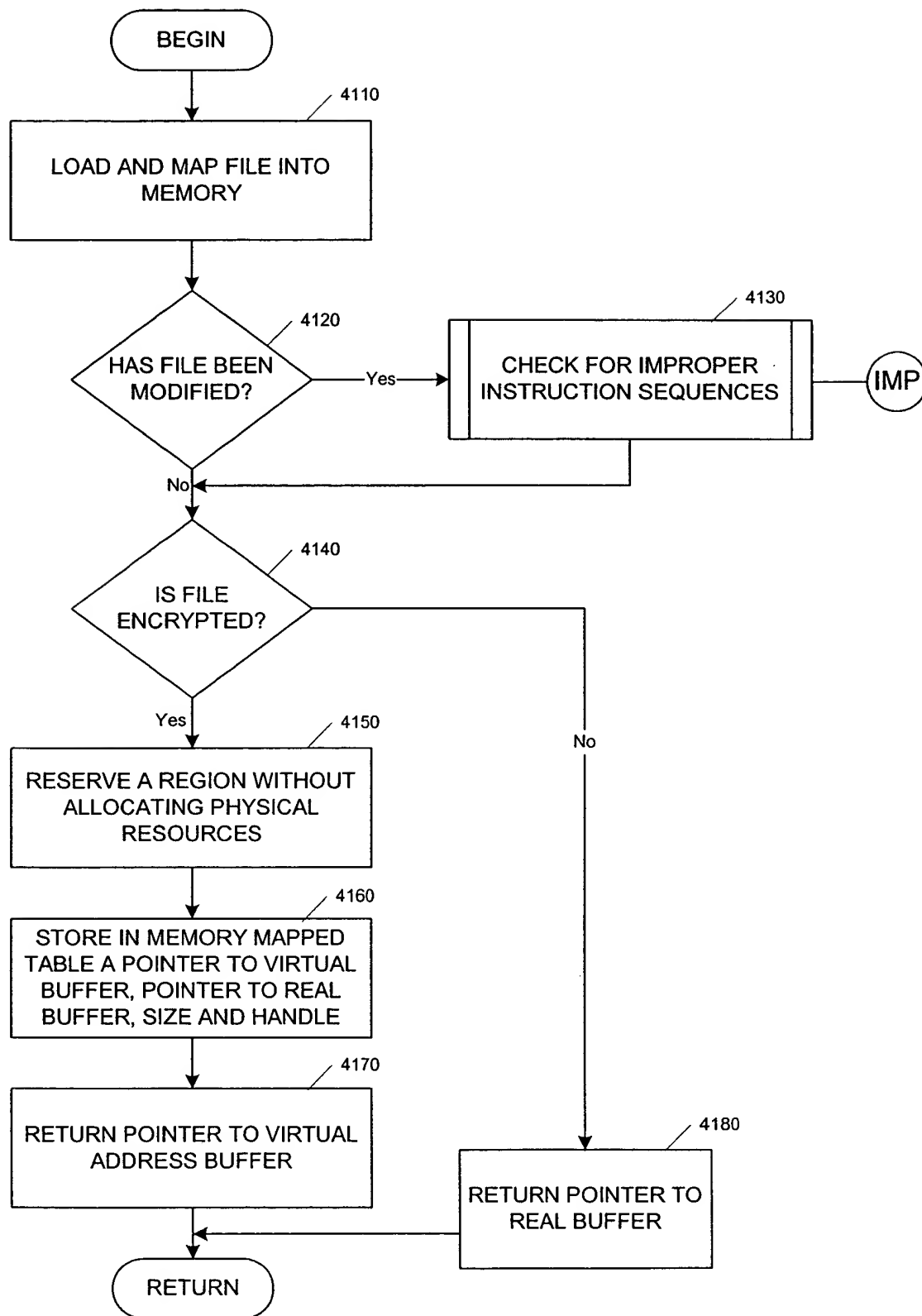


FIG. 41

006211 50E2260

S

ALTERNATE TO FIG.41)

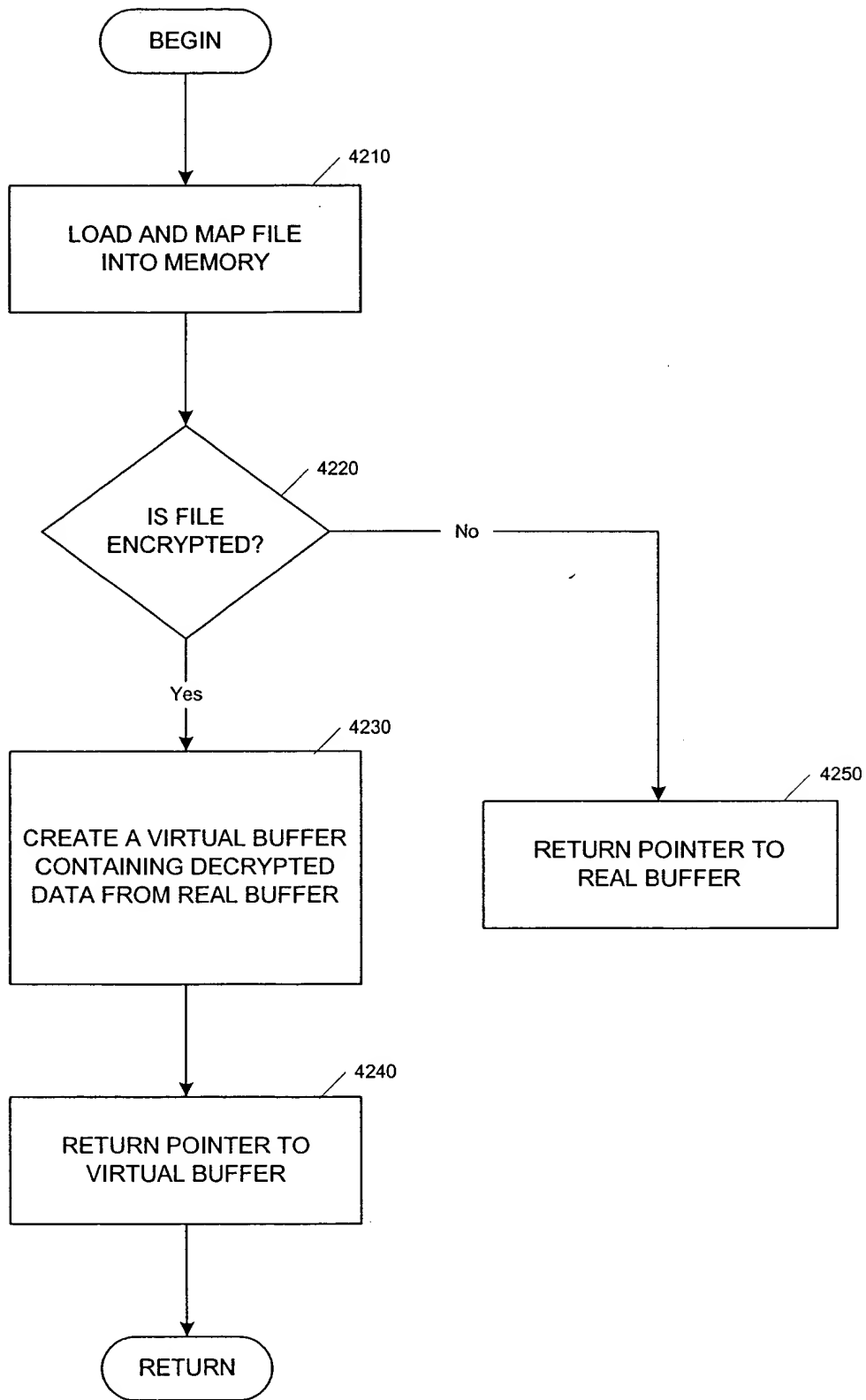


FIG. 42

006271 50E2260

00627T 50E2260

T

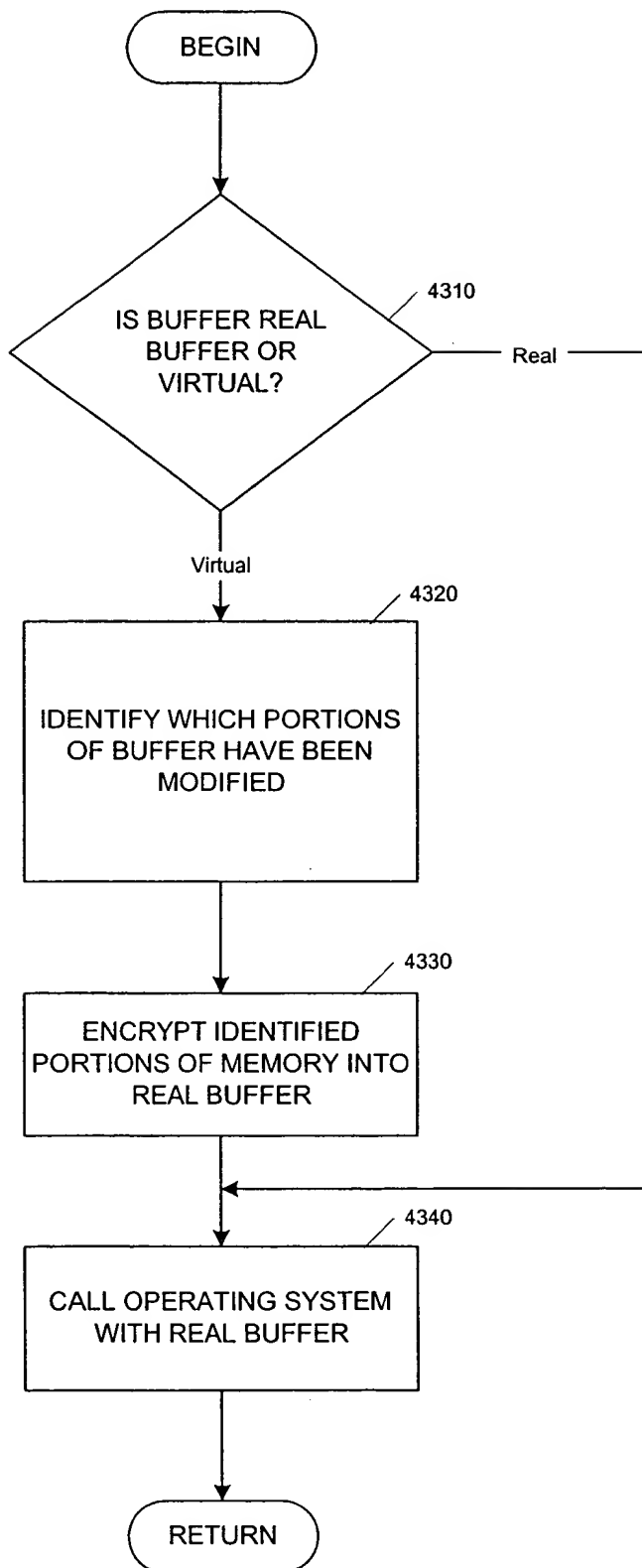


FIG. 43

U

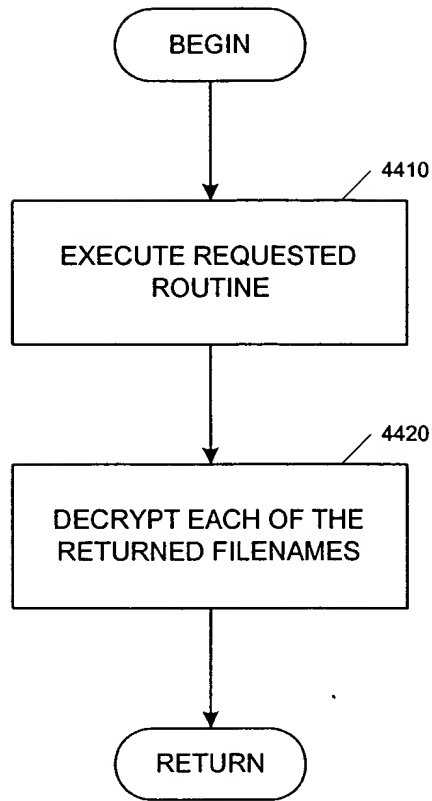


FIG. 44

006211 50E22/50

V

006211 50E/22450

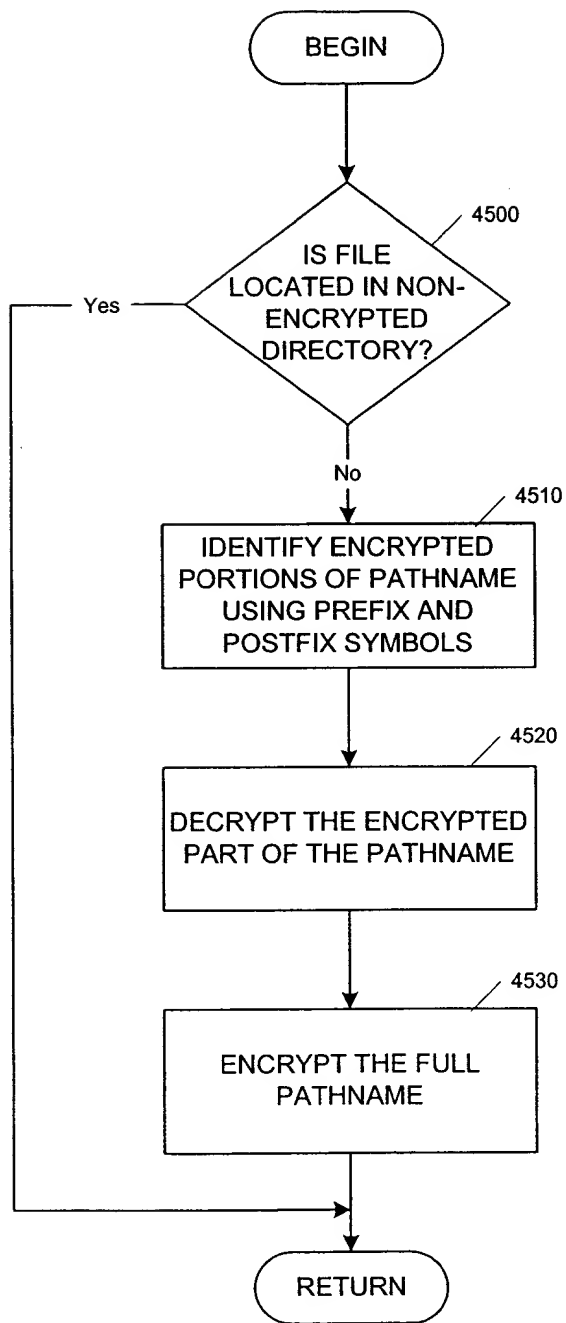


FIG. 45

TRADITIONAL  
SYSTEM LAYOUT

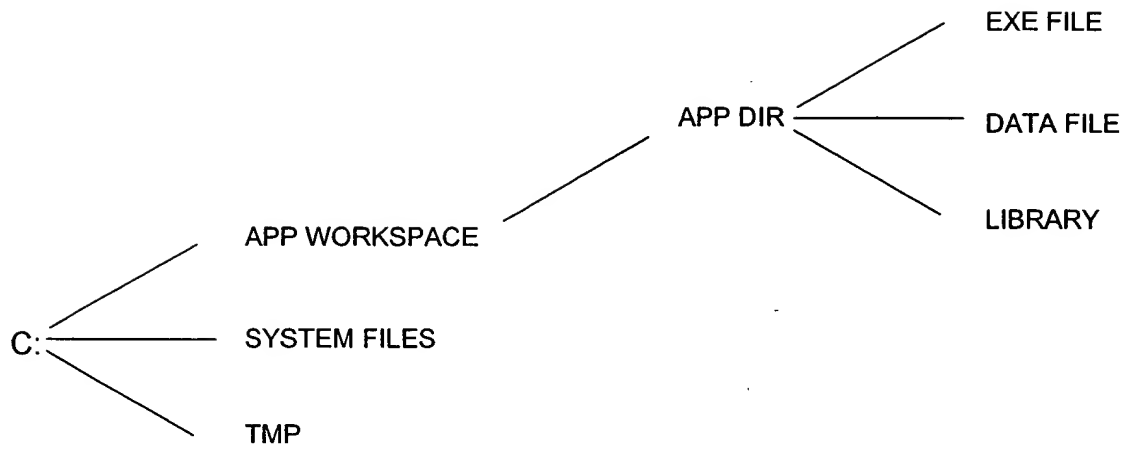


FIG. 46

VIRTUALIZED  
SYSTEM LAYOUT

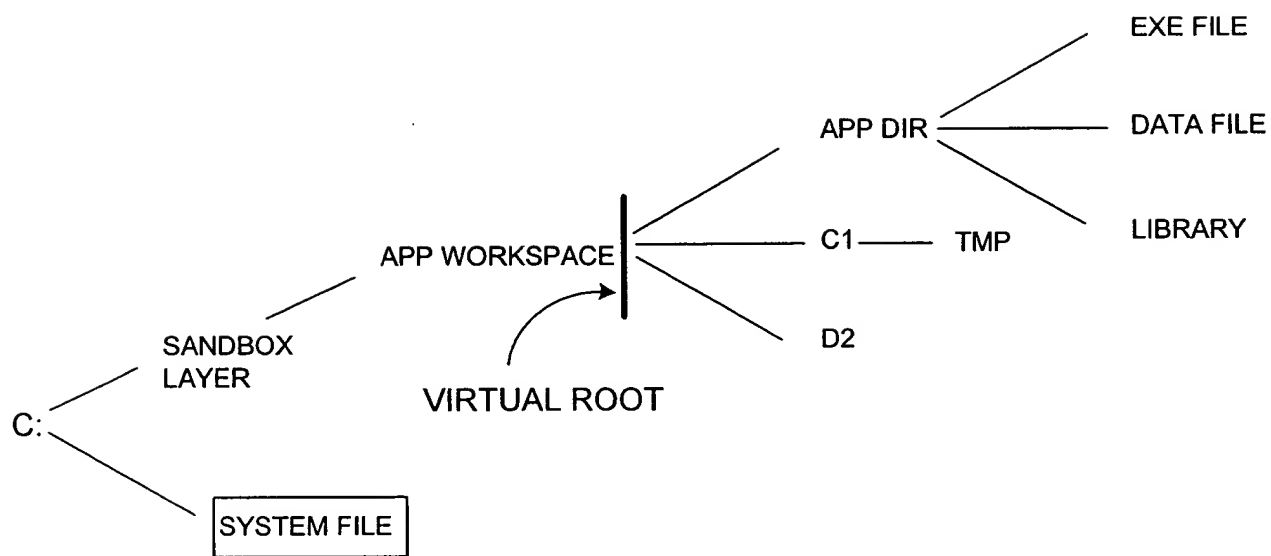


FIG. 47

OBJECT "SOCKET"

SOCKET TABLE

4804 "ENTRY" LOCAL SOCKET STRUCTURE	4812 REMOTE SOCKET STRUCTURE	4816 SOCKET STATUS	4820 SOCKET OPTIONS	4824 SEND QUEUE	4828 RECEIVE QUEUE	4832 CONNECTION QUEUE

4800

SOCKET STRUCTURE

- UNIQUE SOCKET ID  
 - SOCKET TYPE  
 - PROTOCOLS  
 - OPTIONS  
 - NETWORK ADDRESSES  
 - EVENT  
 - FAMILY  
 - BLOCKING

SOCKET STATUS

- UNCONNECTED  
 - RECEIVING  
 - SENDING  
 - LISTENING  
 - CONNECTED  
 - DISCONNECTED  
 - TERMINATED  
 - SHUTDOWN  
 - BOUND  
 - CONNECTING

FIG. 48



00621" 50E/2/60

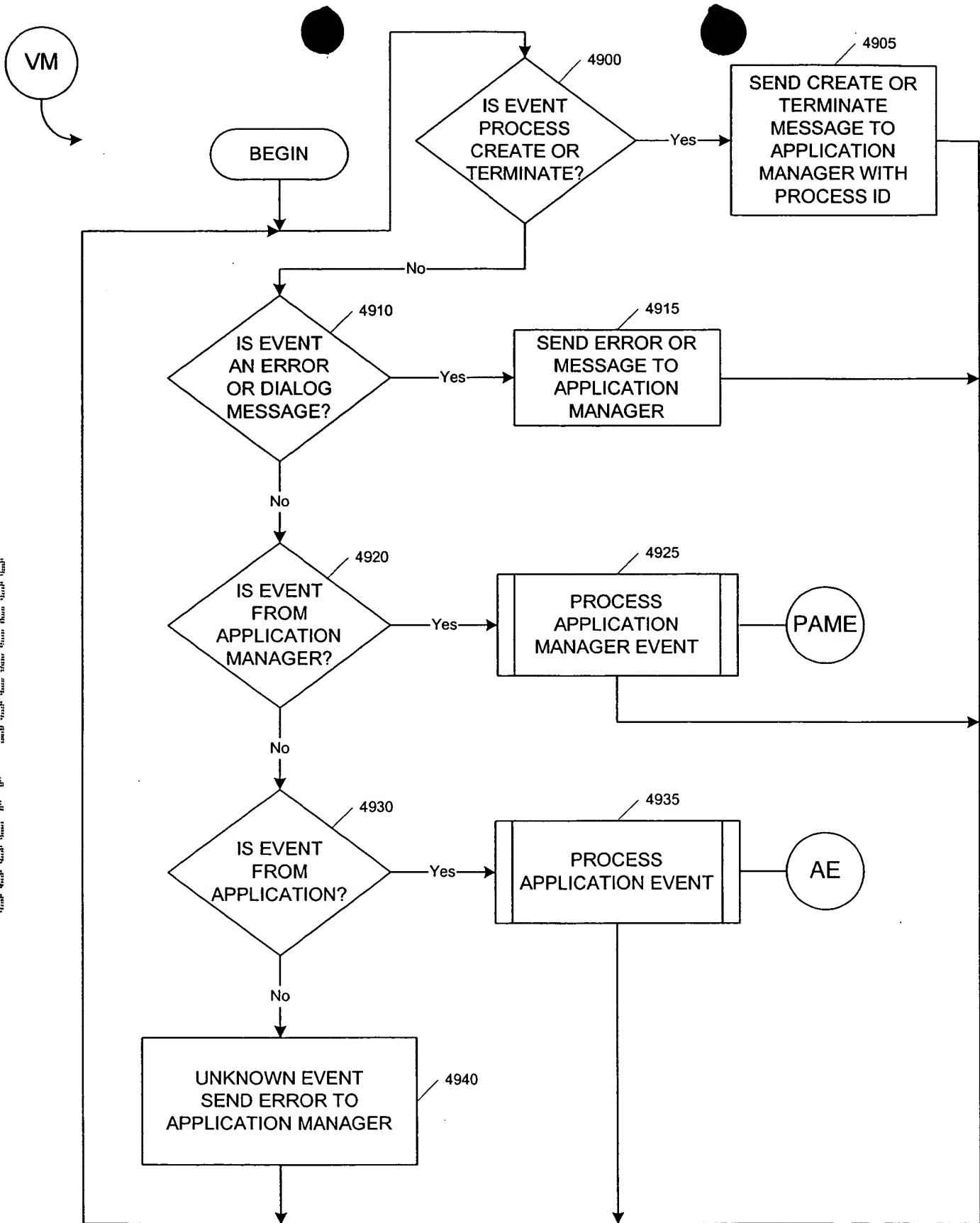


FIG. 49

00521T" 50E2260

PAME

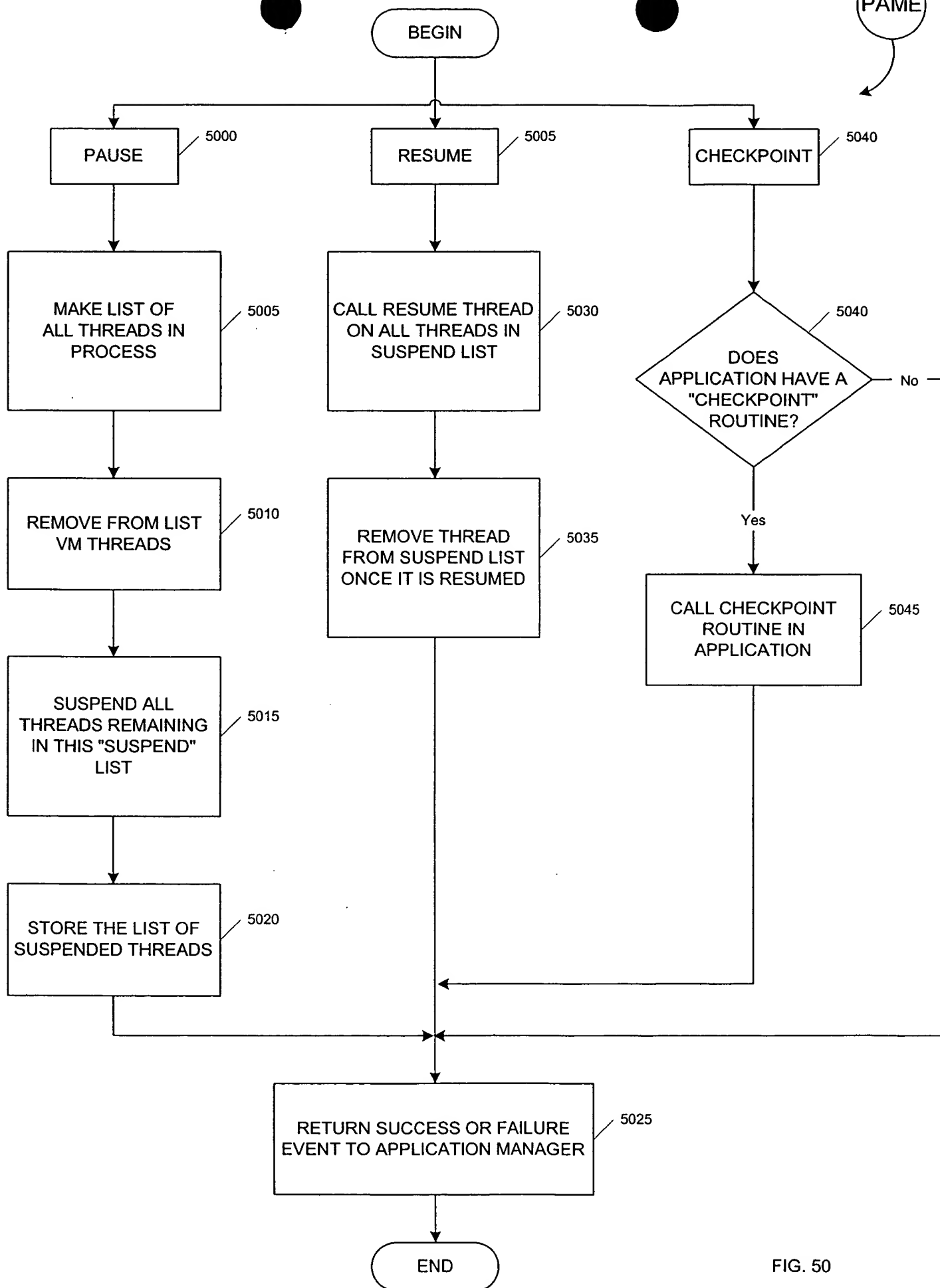


FIG. 50

0062T"50E2260

AE

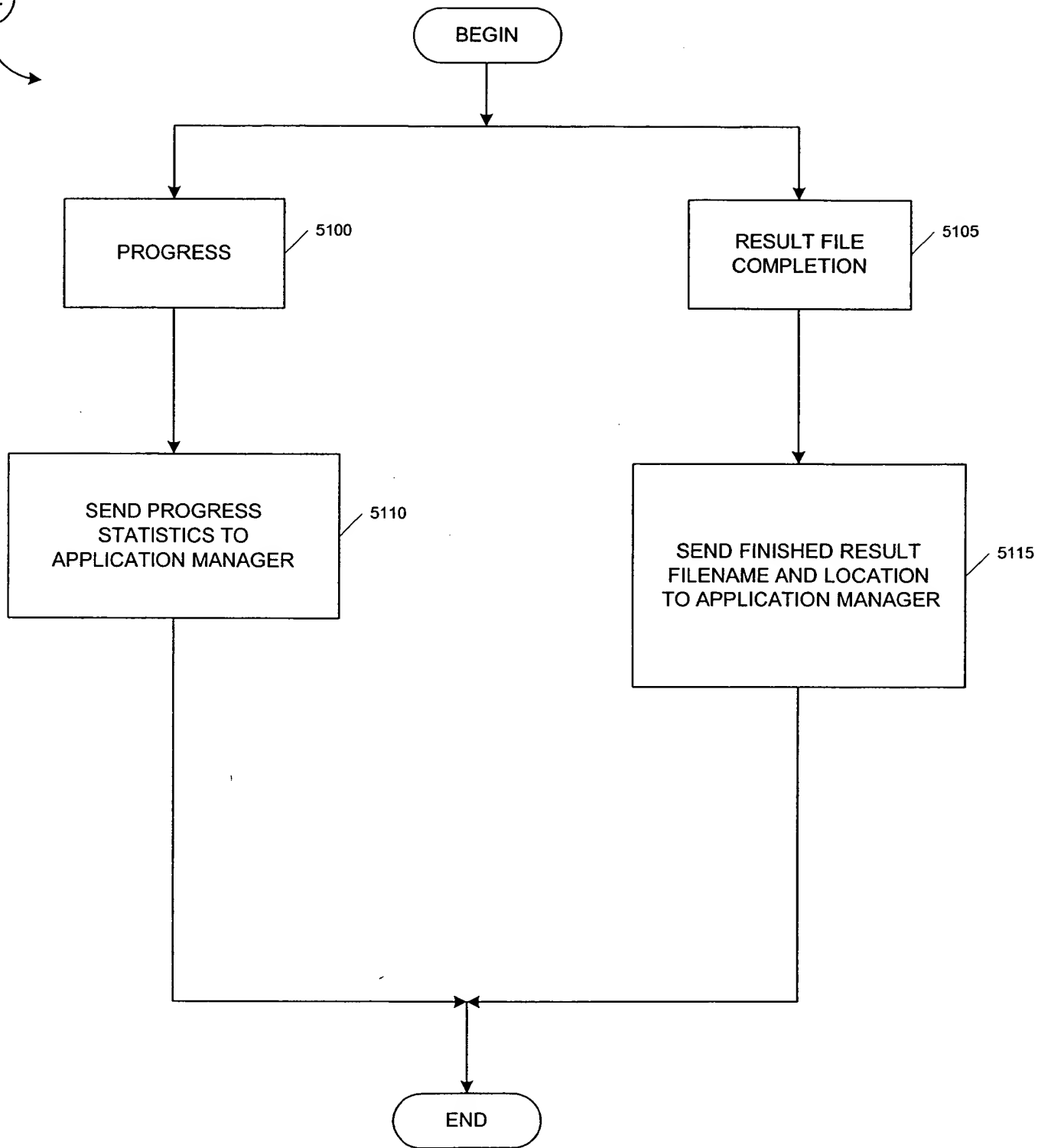


FIG. 51